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Intense Pulsed Light (IPL) System

Model: T013C

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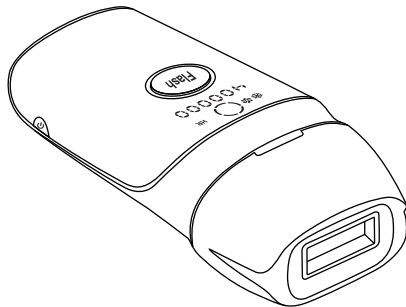
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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

- The following persons should not use this device:
 - Pregnant women or while nursing, or during menstruation; children.
 - Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
 - You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
 - Persons with a history of skin diseases, or that are currently been treated for skin related diseases.
 - Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
 - If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.

Warning

➤ **DO NOT** use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

➤ **DO NOT** Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

➤ Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.













Immediately **STOP** using the device and consult a doctor if you feel any discomfort.










Caution:

- **DO NOT** touch the internal parts to avoid electric shock, if the device is damaged.
- **DO NOT** insert any objects into the device.
- The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.
- **DO NOT** use the device if the filter of the light exit window is damaged.
- This device cannot be washed. **DO NOT** immerse or wash it under running water.
- This device is not suitable to use on children. Keep it out of reach of children.
- Regularly clean the device surface to extend its lifetime.
- **DO NOT** attempt to disassemble, repair or modify the device by yourself to avoid accidents.
- **DO NOT** place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

- **DO NOT** use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.
- When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.
- **DO NOT** cover the vent during use.
- **DO NOT** wrap the cable around neck.
- **DO NOT** use power adapter other than provided by the manufacturer.
- This device is for single patient reuse.
- **DO NOT** use the device after sunbath.
- Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.
- Please unplug the adapter after use.
- The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

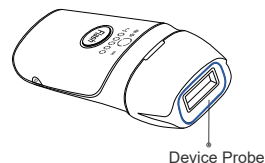
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

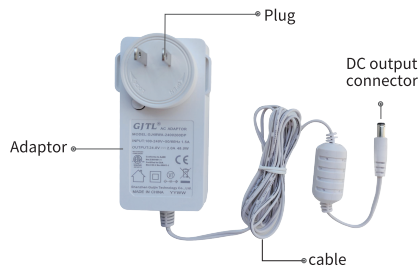
Main unit (picture 1):



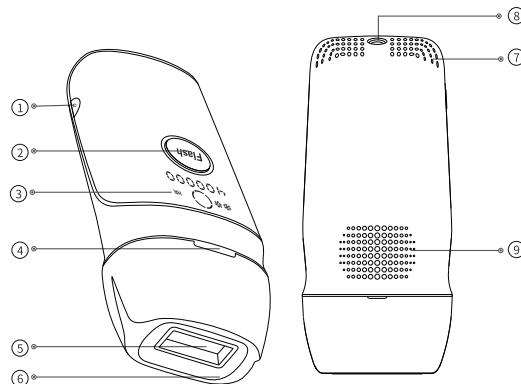
Goggles (picture 3):




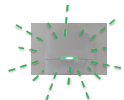
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

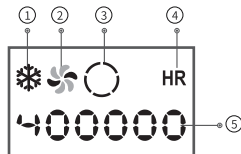








- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⏏" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working; When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once, This number will gradually decrease to 0 due to increasing use.

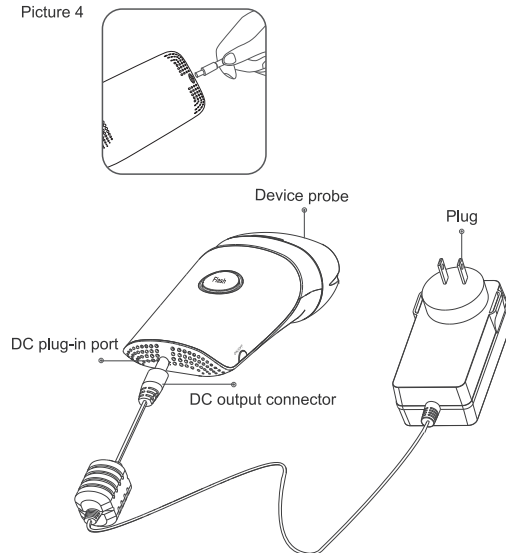
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.


4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

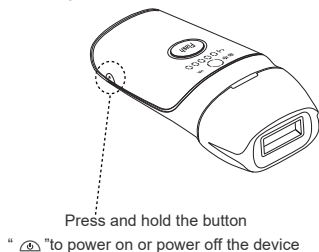
Picture 4





Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.

• **Powered on:** With the device in standby, press and hold the “On/Off/Level adjustment button”  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Picture 5



• **Powered OFF:** Press and hold the “On/Off/Level adjustment button”  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the “On/Off /Level adjustment button”  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6

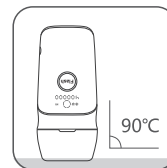
Level 1	Level 2	Level 3	Level 4	Level 5
				


• **Manual Emit Flash mode:**

1) With the device Powered on, the device automatically enters “Manual Emit Flash mode”.


2) Put the Device probe against the area to be treated and press (Picture 7)


Picture 7



3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.


Notes:

1). In “Manual Emit Flash mode”, if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button  .

2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "  " to trigger a flash, the Flash Ready Light will light with blinking.

3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.

4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button  for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.

2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.

3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
- Wait 24 hours and check your skin for any reaction such as discomfort or pain.
- If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
- Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).

Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

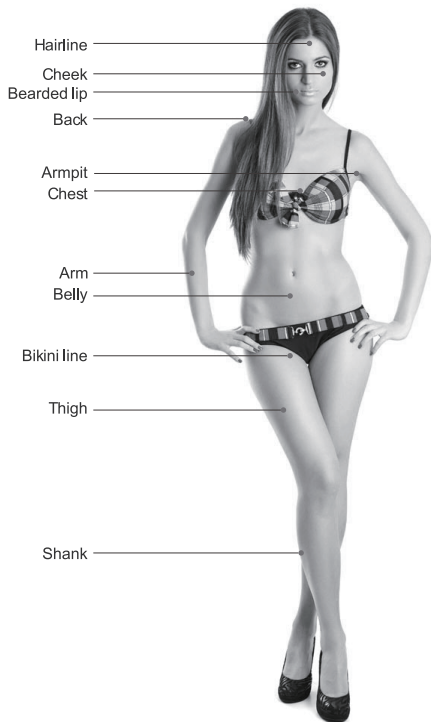
※After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale Hair color	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) sometimes burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
	✗	✗	✗	✗	✗	✗
	✗	✗	✗	✗	✗	✗
	✗	✗	✗	✗	✗	✗

	✓ 1~5	✓ 1~5	✓ 1~3	×	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	×

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




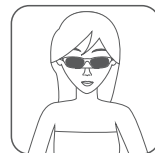
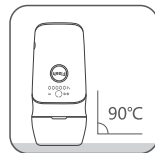
- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
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8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty&Support

•Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.


The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V  2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30℃ Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55℃ Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

⚠ Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

⚠ Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

⚠ Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

⚠ Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

FCC Information:

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment! This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause

harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% U _r , 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% U _r , 1 cycle and 70% U _r , 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% U _r , 250/300 cycle	Applicable	
NOTE: U _r is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900 , DECT; LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						
NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.						

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

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Operation Record

Operating site: _____ Level: _____

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Operation Record

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Operation Record

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Operation Record

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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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Système de lumière pulsée intense (IPL)

Modèle : T013C

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"Économisez la moitié", "Moitié prix" ou toute autre expression similaire utilisée par nous ne représente qu'un estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. Toi nous vous rappelons de bien vouloir vérifier attentivement lorsque vous passez une commande chez nous si vous économisez réellement la moitié par rapport aux grandes marques.

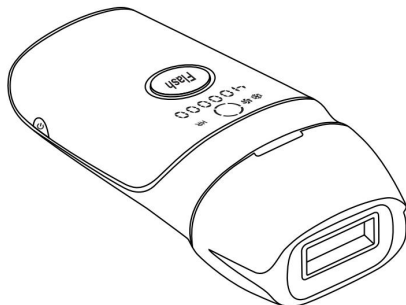
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Lumière pulsée intense
(IPL) Système

Modèle: T013C



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garantie électronique
www.vevor.com/support www.vevor.com/support

Il s'agit des instructions originales, veuillez lire attentivement toutes les instructions du manuel avant de l'utiliser. VEVOR se réserve une interprétation claire de notre manuel d'utilisation. L'apparence du produit dépend du produit que vous avez reçu. Veuillez nous pardonner que nous ne vous informerons plus s'il y a des mises à jour technologiques ou logicielles sur notre produit.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

The following persons should not use this device:

- Pregnant women or while nursing, or during menstruation; children.
- Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
- You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
- Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
- Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
- If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

DO NOT use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

DO NOT Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.



Caution:

DO NOT touch the internal parts to avoid electric shock, if the device is damaged. **DO NOT** insert any objects into the device.

The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.

DO NOT use the device if the filter of the light exit window is damaged.

This device cannot be washed. **DO NOT** immerse or wash it under running water.

This device is not suitable to use on children. Keep it out of reach of children.

Regularly clean the device surface to extend its lifetime.

DO NOT attempt to disassemble, repair or modify the device by yourself to avoid accidents.

DO NOT place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

DO NOT use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.

When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.

DO NOT cover the vent during use.

DO NOT wrap the cable around neck.

DO NOT use power adapter other than provided by the manufacturer.

This device is for single patient reuse.













DO NOT use the device after sunbath.










Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.

Please unplug the adapter after use.

The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

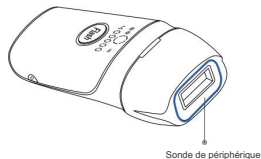
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

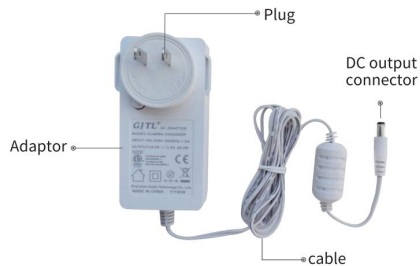
Main unit (picture 1):



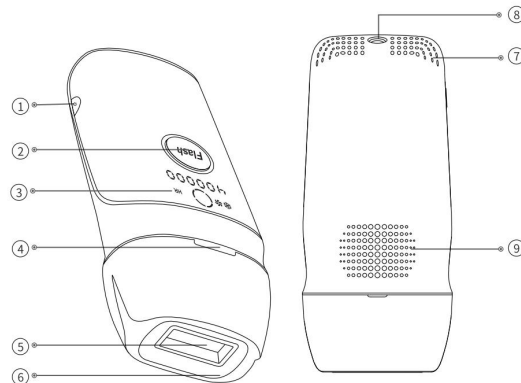
Goggles (picture 3):




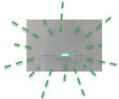
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

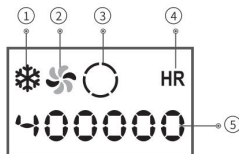








- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

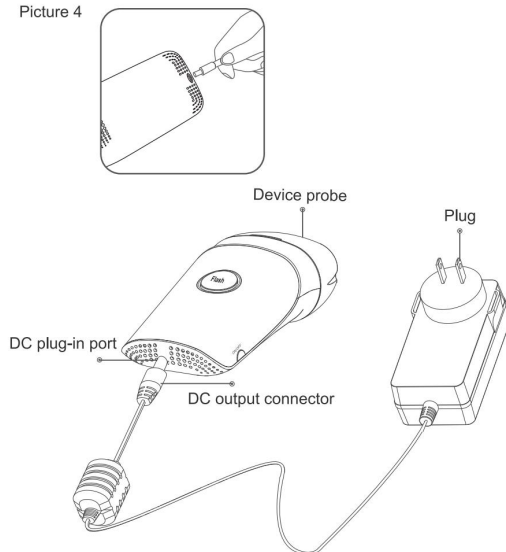
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.

4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

Picture 4



Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.


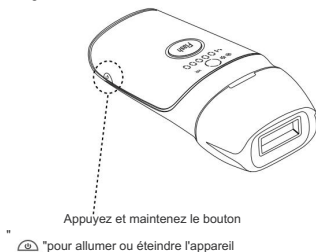


• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Image 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

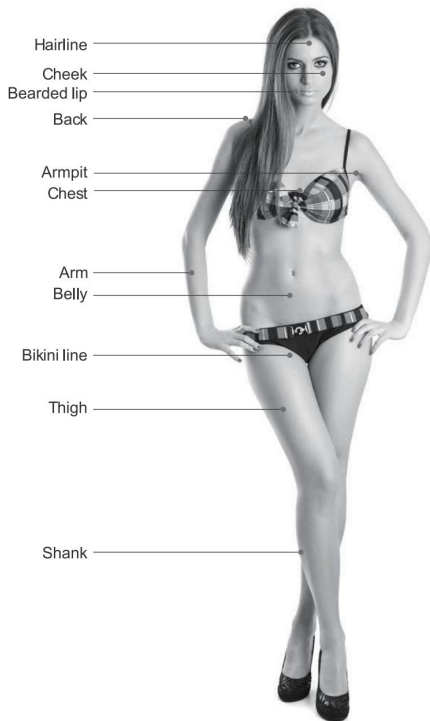
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	×	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	×

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
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8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Informations FCC :

ATTENTION : Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler le droit de l'utilisateur à utiliser l'équipement ! Cet appareil est conforme à la partie 15 des règles FCC. L'exploitation est soumise aux deux conditions suivantes :

- 1) Ce produit peut provoquer des interférences nuisibles.
- 2) Ce produit doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.

AVERTISSEMENT : les changements ou modifications apportés à ce produit non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à utiliser le produit.

Remarque : Ce produit a été testé et déclaré conforme aux limites d'un appareil numérique de classe B conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle.

Ce produit génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, il peut provoquer des interférences nuisibles aux communications radio. Cependant, rien ne garantit que des interférences ne se produiront pas dans une installation particulière. Si ce produit provoque 28

interférences nuisibles à la réception radio ou télévision, qui peuvent être déterminées en éteignant et rallumant le produit, l'utilisateur est encouragé à essayer de corriger les interférences en prenant une ou plusieurs des mesures suivantes.

- Réorientez ou déplacez l'antenne de réception.
- Augmentez la distance entre le produit et le récepteur.
- Connectez le produit à une prise sur un circuit différent de celui auquel le récepteur est connecté.

- Consultez le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710 745 780	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
810 870 930	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
1720 1845 1970	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
2450 5240 5500 5785	2400-2570 5100-5800	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7 WLAN 802.11 a/n	Pulse modulation ^{b)} 217 Hz Pulse ^{b)} modulation 217 Hz	2 0,2	0,3 0,3	28 9

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
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9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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Modell: T013C

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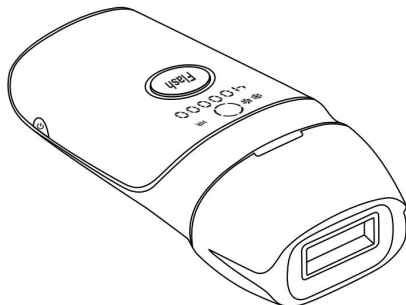
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1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

- ⚠ The following persons should not use this device:
- Pregnant women or while nursing, or during menstruation; children.
 - Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
 - You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
 - Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
 - Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
 - If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

⚡ **DO NOT** use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

⚡ **DO NOT** Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

⚡ Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.
























Caution:

- ⚡ **DO NOT** touch the internal parts to avoid electric shock, if the device is damaged.
- ⚡ **DO NOT** insert any objects into the device.
- ⚡ The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.
- ⚡ **DO NOT** use the device if the filter of the light exit window is damaged.
- ⚡ This device cannot be washed. **DO NOT** immerse or wash it under running water.
- ⚡ This device is not suitable to use on children. Keep it out of reach of children.
- ⚡ Regularly clean the device surface to extend its lifetime.
- ⚡ **DO NOT** attempt to disassemble, repair or modify the device by yourself to avoid accidents.
- ⚡ **DO NOT** place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

- ✧ **DO NOT** use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.
- ✧ When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.
- ✧ **DO NOT** cover the vent during use.
- ✧ **DO NOT** wrap the cable around neck.
- ✧ **DO NOT** use power adapter other than provided by the manufacturer.
- ✧ This device is for single patient reuse.
- ✧ **DO NOT** use the device after sunbath.
- ✧ Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.
- ✧ Please unplug the adapter after use.
- ✧ The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

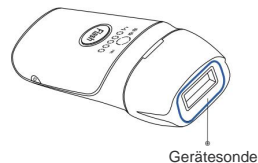
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

Main unit (picture 1):



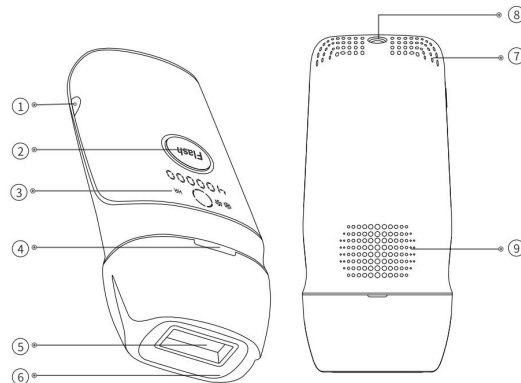
Goggles (picture 3):




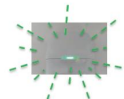
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

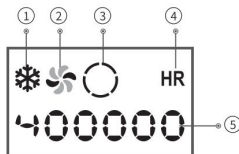








- | | |
|------------------------------------|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

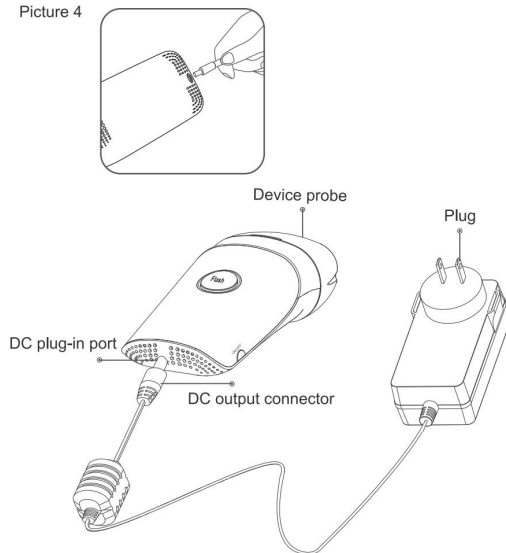
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.

4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

Picture 4



Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.




• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Bild 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button  .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

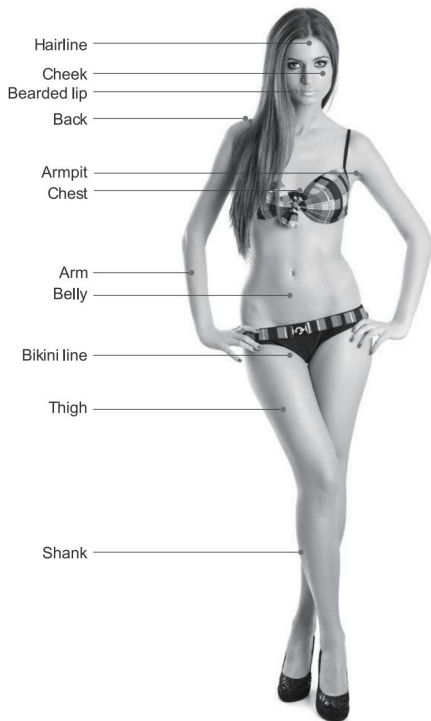
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✗

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.



Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• Burns, abnormal redness and swelling

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• Skin discoloration

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• Skin infections and inflammation

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• Possible causes of excessive pain during and after the treatment

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
---------------------	---

8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

FCC-Informationen:

VORSICHT: Änderungen oder Modifikationen, die nicht ausdrücklich von der für die Einhaltung verantwortlichen Partei genehmigt wurden, können zum Erlöschen der Berechtigung des Benutzers zum Betrieb des Geräts führen! Dieses Gerät entspricht Teil 15 der FCC-Bestimmungen. Der Betrieb unterliegt den folgenden zwei Bedingungen:

- 1) Dieses Produkt kann schädliche Störungen verursachen.
- 2) Dieses Produkt muss alle empfangenen Störungen akzeptieren, einschließlich Störungen, die zu unerwünschtem Betrieb führen können.

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Dieses Produkt erzeugt und verwendet Hochfrequenzenergie und kann diese abstrahlen. Wenn es nicht gemäß den Anweisungen installiert und verwendet wird, kann es schädliche Störungen der Funkkommunikation verursachen. Es gibt jedoch keine Garantie dafür, dass bei einer bestimmten Installation keine Störungen auftreten. Wenn dieses Produkt 28 verursacht

Wenn es zu schädlichen Störungen des Radio- oder Fernsehempfangs kommt, die durch Aus- und Einschalten des Produkts festgestellt werden können, wird dem Benutzer empfohlen, zu versuchen, die Störung durch eine oder mehrere der folgenden Maßnahmen zu beheben.

- Richten Sie die Empfangsantenne neu aus oder versetzen Sie sie.
- Erhöhen Sie den Abstand zwischen Produkt und Empfänger.
- Schließen Sie das Produkt an eine Steckdose an, die zu einem anderen Stromkreis gehört als dem, an den der Empfänger angeschlossen ist.
- Wenden Sie sich für Hilfe an den Händler oder einen erfahrenen Radio-/TV-Techniker.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0,15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0,15 MHz and 80 MHz are 1,8 MHz to 2,0 MHz, 3,5 MHz to 4,0 MHz, 5,3 MHz to 5,4 MHz, 7 MHz to 7,3 MHz, 10,1 MHz to 10,15 MHz, 14 MHz to 14,2 MHz, 18,07 MHz to 18,17 MHz, 21,0 MHz to 21,4 MHz, 24,89 MHz to 24,99 MHz, 28,0 MHz to 29,7 MHz and 50,0 MHz to 54,0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

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Operation Record

Operating site: _____ Level: _____

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Operation Record

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Operation Record

Operating site: _____ Level: _____

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Operation Record

Operating site: _____ Level: _____

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Operation Record

Operating site: _____ Level: _____

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Operation Record

Operating site: _____ Level: _____

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说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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Sistema di Luce Pulsata Intensa (IPL).

Modello: T013C

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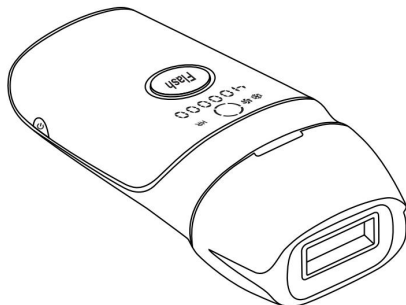
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Luce pulsata intensa
(IPL) Sistema

Modello: T013C



HO BISOGNO DI AIUTO? Contatto!

Hai domande sul prodotto? Hai bisogno di supporto tecnico? Non esitate a

contattarci: Supporto Tecnico e Clienti al Cliente@vevor.com
www.vevor.com/support www.vevor.com/support

Queste sono le istruzioni originali, leggere attentamente tutte le istruzioni del manuale prima dell'uso. VEVOR si riserva una chiara interpretazione del nostro manuale d'uso. L'aspetto del prodotto sarà soggetto al prodotto ricevuto. Ti preghiamo di perdonarci se non ti informeremo più se sono presenti aggiornamenti tecnologici o software sul nostro prodotto.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

- The following persons should not use this device:
 - Pregnant women or while nursing, or during menstruation; children.
 - Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
 - You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
 - Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
 - Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
 - If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

⚡ **DO NOT** use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

⚡ **DO NOT** Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

⚡ Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.
























Caution:

- ⚡ **DO NOT** touch the internal parts to avoid electric shock, if the device is damaged.
- ⚡ **DO NOT** insert any objects into the device.
- ⚡ The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.
- ⚡ **DO NOT** use the device if the filter of the light exit window is damaged.
- ⚡ This device cannot be washed. **DO NOT** immerse or wash it under running water.
- ⚡ This device is not suitable to use on children. Keep it out of reach of children.
- ⚡ Regularly clean the device surface to extend its lifetime.
- ⚡ **DO NOT** attempt to disassemble, repair or modify the device by yourself to avoid accidents.
- ⚡ **DO NOT** place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

- ✧ **DO NOT** use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.
- ✧ When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.
- ✧ **DO NOT** cover the vent during use.
- ✧ **DO NOT** wrap the cable around neck.
- ✧ **DO NOT** use power adapter other than provided by the manufacturer.
- ✧ This device is for single patient reuse.
- ✧ **DO NOT** use the device after sunbath.
- ✧ Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.
- ✧ Please unplug the adapter after use.
- ✧ The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

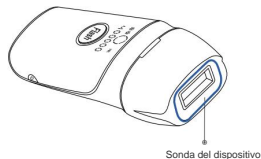
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

Main unit (picture 1):



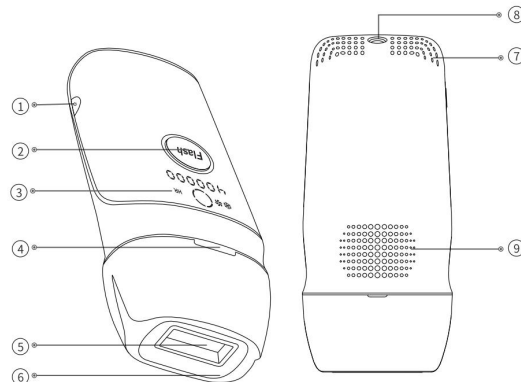
Goggles (picture 3):




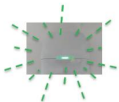
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

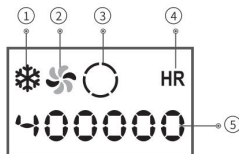








- | | |
|------------------------------------|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g., one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once, This number will gradually decrease to 0 due to increasing use.

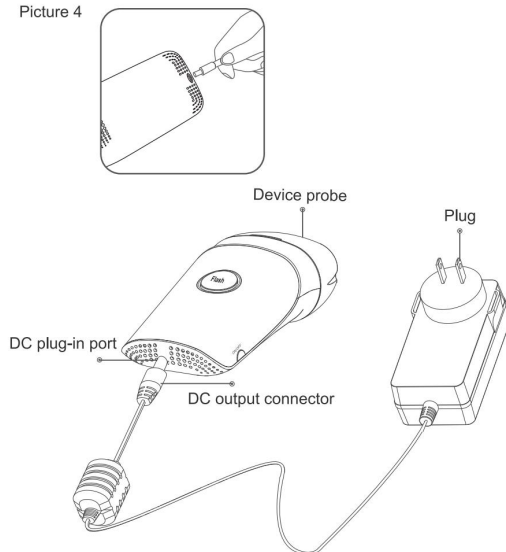
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.

4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

Picture 4



Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.


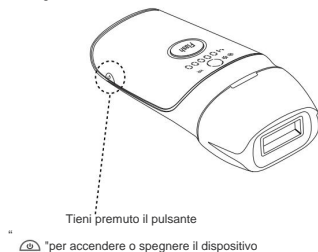


• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)

Immagine 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

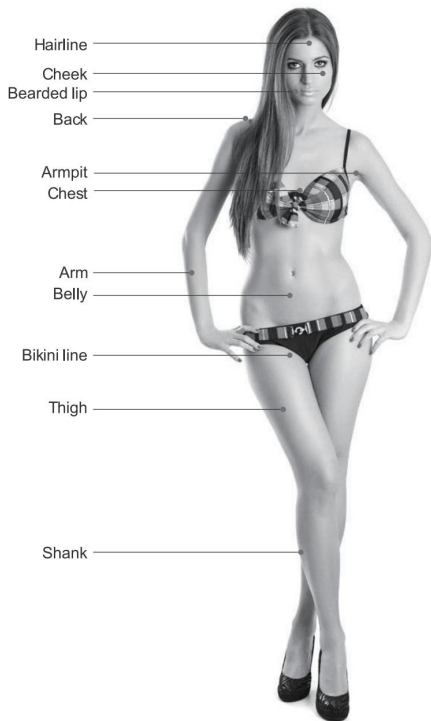
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	×	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	×
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	×

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
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8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Informazioni FCC:

ATTENZIONE: Cambiamenti o modifiche non espressamente approvati dalla parte responsabile della conformità potrebbero invalidare il diritto dell'utente a utilizzare l'apparecchiatura!

Questo dispositivo è conforme alla Parte 15 delle norme FCC. Il funzionamento è soggetto alle seguenti due condizioni:

- 1) Questo prodotto può causare interferenze dannose.
- 2) Questo prodotto deve accettare qualsiasi interferenza ricevuta, comprese le interferenze che potrebbero causare un funzionamento indesiderato.

AVVERTENZA: cambiamenti o modifiche a questo prodotto non espressamente approvati dalla parte responsabile della conformità potrebbero annullare l'autorità dell'utente a utilizzare il prodotto.

Nota: questo prodotto è stato testato ed è risultato conforme ai limiti per un dispositivo digitale di Classe B ai sensi della Parte 15 delle norme FCC. Questi limiti sono progettati per fornire una protezione ragionevole contro interferenze dannose in un'installazione residenziale.

Questo prodotto genera, utilizza e può irradiare energia in radiofrequenza e, se non installato e utilizzato in conformità con le istruzioni, può causare interferenze dannose alle comunicazioni radio. Tuttavia, non vi è alcuna garanzia che non si verifichino interferenze in una particolare installazione. Se questo prodotto causa 28

interferenze dannose alla ricezione radiofonica o televisiva, che possono essere determinate spegnendo e accendendo il prodotto, si consiglia all'utente di provare a correggere l'interferenza adottando una o più delle seguenti misure.

- Riorientare o riposizionare l'antenna ricevente.
- Aumentare la distanza tra il prodotto e il ricevitore.
- Collegare il prodotto ad una presa su un circuito diverso da quello a cui è collegato il ricevitore.

- Consultare il rivenditore o un tecnico radio/TV esperto per assistenza.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.4.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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Sistema de luz pulsada intensa (IPL)

Modelo: T013C

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"Ahorra Mitad", "Mitad de Precio" o cualquier otra expresión similar utilizada por nosotros sólo representa un estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. Tú Le recordamos que, al realizar un pedido, verifique cuidadosamente si realmente está ahorrando la mitad en comparación con las principales marcas.

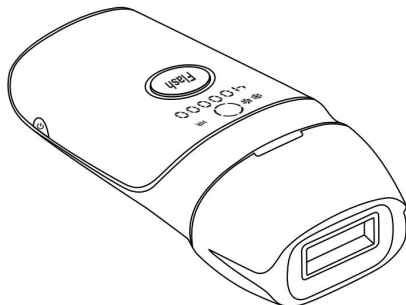
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Luz Pulsada Intensa
(IPL) Sistema

Modelo: T013C



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electrónica www.vevor.com/support

Estas son las instrucciones originales; lea atentamente todas las instrucciones del manual antes de operar. VEVOR se reserva una interpretación clara de nuestro manual de usuario. La apariencia del producto estará sujeta al producto que recibió. Perdón que no le informaremos nuevamente si hay actualizaciones de tecnología o software en nuestro producto.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

The following persons should not use this device:

- Pregnant women or while nursing, or during menstruation; children.
- Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
- You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
- Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
- Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
- If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

DO NOT use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

DO NOT Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.



Caution:

DO NOT touch the internal parts to avoid electric shock, if the device is damaged. **DO NOT** insert any objects into the device.

The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.

DO NOT use the device if the filter of the light exit window is damaged.

This device cannot be washed. **DO NOT** immerse or wash it under running water.

This device is not suitable to use on children. Keep it out of reach of children.

Regularly clean the device surface to extend its lifetime.

DO NOT attempt to disassemble, repair or modify the device by yourself to avoid accidents.

DO NOT place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

DO NOT use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.

When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.

DO NOT cover the vent during use.

DO NOT wrap the cable around neck.

DO NOT use power adapter other than provided by the manufacturer.

This device is for single patient reuse.













DO NOT use the device after sunbath.










Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.

Please unplug the adapter after use.

The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

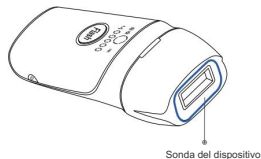
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

Main unit (picture 1):



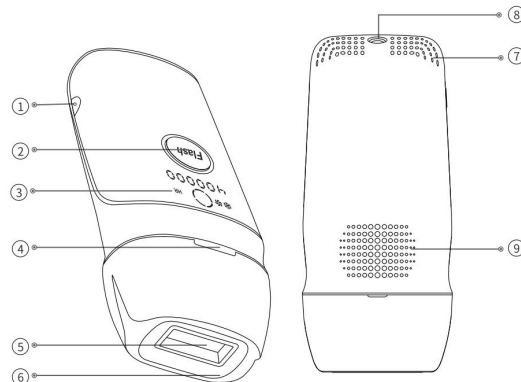
Goggles (picture 3):




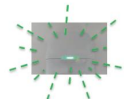
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

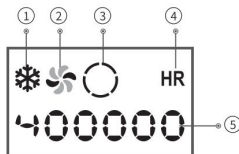








- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

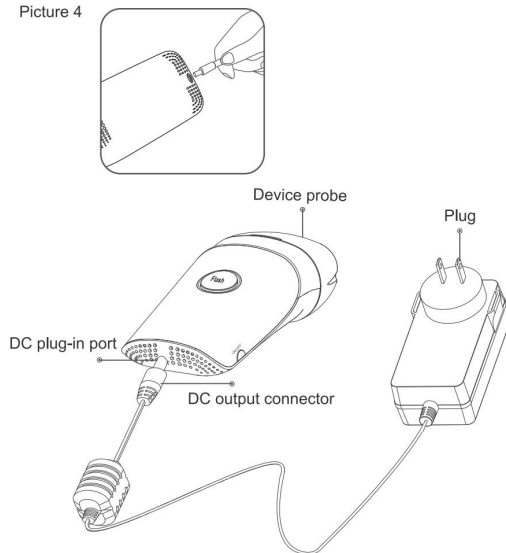
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.

4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

Picture 4



Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.


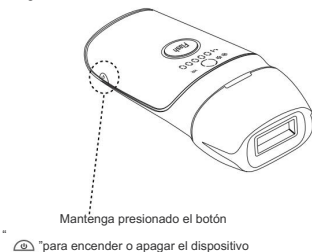


• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Imagen 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

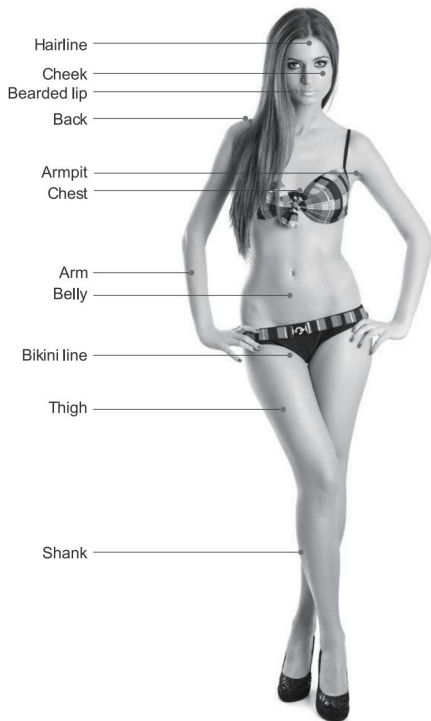
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✗

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
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8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Información de la FCC:

PRECAUCIÓN: ¡Los cambios o modificaciones no aprobados expresamente por la parte responsable del cumplimiento podrían anular la autoridad del usuario para operar el equipo!

Este dispositivo cumple con la Parte 15 de las normas de la FCC. La operación está sujeta a las dos condiciones siguientes:

- 1) Este producto puede causar interferencias perjudiciales.
- 2) Este producto debe aceptar cualquier interferencia recibida, incluidas las interferencias que puedan causar un funcionamiento no deseado.

ADVERTENCIA: Los cambios o modificaciones a este producto que no estén aprobados expresamente por la parte responsable del cumplimiento podrían anular la autoridad del usuario para operar el producto.

Nota: Este producto ha sido probado y cumple con los límites para un dispositivo digital Clase B de conformidad con la Parte 15 de las reglas de la FCC. Estos límites están diseñados para brindar una protección razonable contra interferencias dañinas en una instalación residencial.

Este producto genera, usa y puede irradiar energía de radiofrecuencia y, si no se instala y usa de acuerdo con las instrucciones, puede causar interferencias dañinas en las comunicaciones por radio. Sin embargo, no hay garantía de que no se produzcan interferencias en una instalación en particular. Si este producto causa

interferencias dañinas en la recepción de radio o televisión, que se pueden determinar apagando y encendiendo el producto, se recomienda al usuario que intente corregir la interferencia mediante una o más de las siguientes medidas.

- Reorientar o reubicar la antena receptora.
- Aumentar la distancia entre el producto y el receptor.
- Conecte el producto a una toma de corriente de un circuito diferente al que está conectado el receptor.

- Consulte al distribuidor o a un técnico experimentado en radio/TV para obtener ayuda.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710 745 780	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
810 870 930	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
1720 1845 1970	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
2450 5240 5500 5785	2400-2570 5100-5800	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7 WLAN 802.11 a/n	Pulse modulation ^{b)} 217 Hz Pulse ^{b)} modulation 217 Hz	2 0,2	0,3 0,3	28 9

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

VEVOR®

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate
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System intensywnego światła pulsacyjnego (IPL).

Model: T013C

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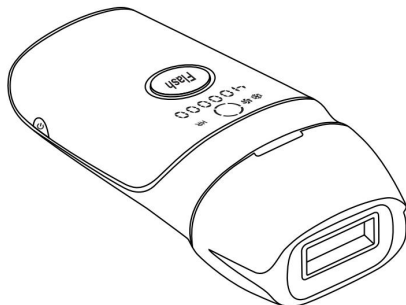
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Intensywne światło pulsacyjne
(IPL) systemu

Model: T013C



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To jest oryginalna instrukcja. Przed przystąpieniem do obsługi prosimy o dokładne zapoznanie się ze wszystkimi instrukcjami. VEVOR zastrzega sobie jasną interpretację naszej instrukcji obsługi. Wygląd produktu zależy od produktu, który otrzymałeś. Proszę wybaczyć nam, że nie będziemy ponownie informować Państwa, jeśli pojawiają się jakieś aktualizacje technologii lub oprogramowania naszego produktu.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

The following persons should not use this device:

- Pregnant women or while nursing, or during menstruation; children.
- Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
- You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
- Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
- Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
- If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

DO NOT use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

DO NOT Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.



Caution:

DO NOT touch the internal parts to avoid electric shock, if the device is damaged. **DO NOT** insert any objects into the device.

The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.

DO NOT use the device if the filter of the light exit window is damaged.

This device cannot be washed. **DO NOT** immerse or wash it under running water.

This device is not suitable to use on children. Keep it out of reach of children.

Regularly clean the device surface to extend its lifetime.

DO NOT attempt to disassemble, repair or modify the device by yourself to avoid accidents.

DO NOT place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

DO NOT use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.

When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.

DO NOT cover the vent during use.

DO NOT wrap the cable around neck.

DO NOT use power adapter other than provided by the manufacturer.

This device is for single patient reuse.













DO NOT use the device after sunbath.










Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.

Please unplug the adapter after use.

The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

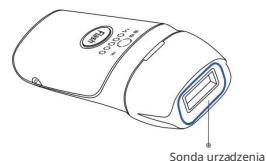
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

Main unit (picture 1):



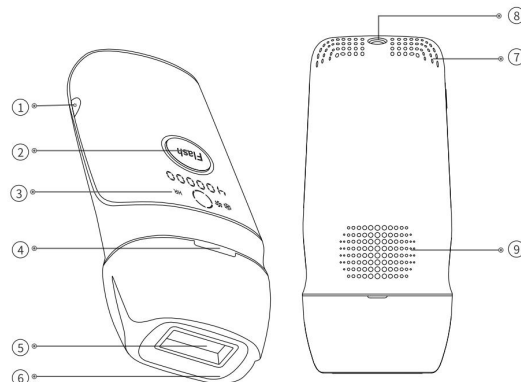
Goggles (picture 3):




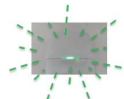
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

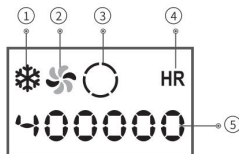








- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

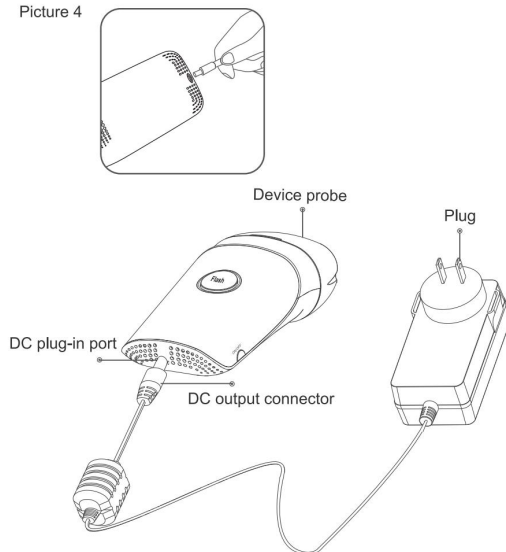
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.


4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

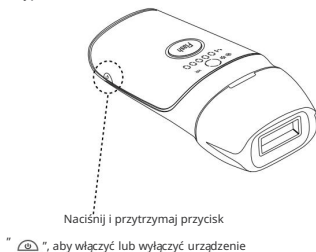
Picture 4





Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.

• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Zdjęcie 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button  .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

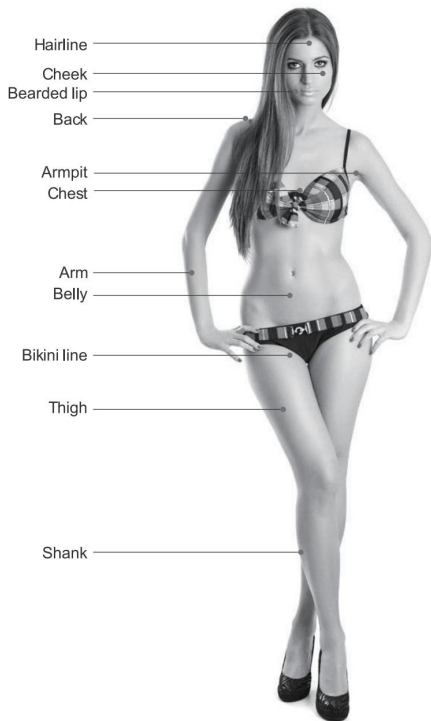
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✗

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




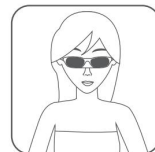
- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
---------------------	---

8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

Informacje FCC:

UWAGA: Zmiany lub modyfikacje, które nie zostały wyraźnie zatwierdzone przez stronę odpowiedzialną za zgodność, mogą unieważnić uprawnienia użytkownika do obsługi urządzenia!

To urządzenie jest zgodne z częścią 15 przepisów FCC. Działanie podlega następującym dwóm warunkom:

- 1) Ten produkt może powodować szkodliwe zakłócenia.
- 2) Ten produkt musi akceptować wszelkie odbierane zakłócenia, w tym zakłócenia, które mogą powodować niepożądane działanie.

OSTRZEŻENIE: Zmiany lub modyfikacje tego produktu, które nie zostały wyraźnie zatwierdzone przez stronę odpowiedzialną za zgodność, mogą unieważnić uprawnienia użytkownika do obsługi produktu.

Uwaga: ten produkt został przetestowany i stwierdzono, że spełnia ograniczenia dla urządzeń cyfrowych klasy B zgodnie z częścią 15 przepisów FCC. Ograniczenia te mają na celu zapewnienie rozsądnej ochrony przed szkodliwymi zakłóceniami w instalacjach domowych.

Ten produkt generuje, wykorzystuje i może emitować energię o częstotliwości radiowej, a jeśli nie zostanie zainstalowany i nie będzie używany zgodnie z instrukcją, może powodować szkodliwe zakłócenia w komunikacji radiowej. Nie ma jednak gwarancji, że w konkretnej instalacji nie wystąpią zakłócenia. Jeśli ten produkt powoduje 28

szkodliwe zakłócenia w odbiorze sygnału radiowego lub telewizyjnego, które można stwierdzić poprzez wyłączenie i włączenie produktu, zachęca się użytkownika do podjęcia próby skorygowania zakłóceń za pomocą jednego lub kilku z poniższych sposobów.

- Zmień orientację lub położenie anteny odbiorczej.
- Zwiększ odległość pomiędzy produktem a odbiornikiem.
- Podłącz produkt do gniazdka w innym obwodzie niż ten, do którego podłączony jest odbiornik.

- Skonsultuj się ze sprzedawcą lub doświadczonym technikiem radio-telewizyjnym w celu uzyskania pomocy.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

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Operation Record

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Operation Record

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Operation Record

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Operation Record

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Operation Record

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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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Intense Pulsed Light (IPL)-systeem

Model: T013C

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"Bespaar de helft", "Halve prijs" of andere soortgelijke uitdrukkingen die door ons worden gebruikt vertegenwoordigen slechts een estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. Jij worden er vriendelijk aan herinnerd om bij het plaatsen van een bestelling bij ons zorgvuldig te verifiëren of u daadwerkelijk de helft bespaart in vergelijking met de grote topmerken.

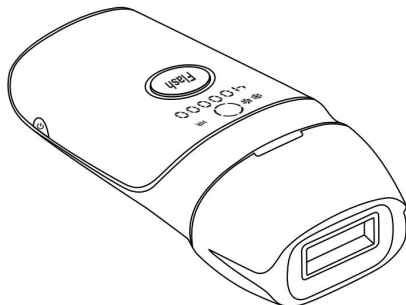
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Model:T013C



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Heeft u productvragen? Technische ondersteuning nodig? Neem gerust contact met

ons Technische Ondersteuningsteam op
www.vevor.com/support

Dit is de originele instructie. Lees alle instructies in de handleiding zorgvuldig door voordat u ermee aan de slag gaat. VEVOR behoudt zich een duidelijke interpretatie van onze gebruikershandleiding voor. Het uiterlijk van het product is afhankelijk van het product dat u heeft ontvangen. Vergeef ons alstublieft dat we u niet opnieuw zullen informeren als er technologie- of software-updates zijn voor ons product.

1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

- The following persons should not use this device:
 - Pregnant women or while nursing, or during menstruation; children.
 - Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
 - You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
- Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
- Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
- If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

⚡ **DO NOT** use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

⚡ **DO NOT** Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

⚡ Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.
























Caution:

- ⚡ **DO NOT** touch the internal parts to avoid electric shock, if the device is damaged.
- ⚡ **DO NOT** insert any objects into the device.
- ⚡ The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.
- ⚡ **DO NOT** use the device if the filter of the light exit window is damaged.
- ⚡ This device cannot be washed. **DO NOT** immerse or wash it under running water.
- ⚡ This device is not suitable to use on children. Keep it out of reach of children.
- ⚡ Regularly clean the device surface to extend its lifetime.
- ⚡ **DO NOT** attempt to disassemble, repair or modify the device by yourself to avoid accidents.
- ⚡ **DO NOT** place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

- ✧ **DO NOT** use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.
- ✧ When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.
- ✧ **DO NOT** cover the vent during use.
- ✧ **DO NOT** wrap the cable around neck.
- ✧ **DO NOT** use power adapter other than provided by the manufacturer.
- ✧ This device is for single patient reuse.
- ✧ **DO NOT** use the device after sunbath.
- ✧ Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.
- ✧ Please unplug the adapter after use.
- ✧ The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

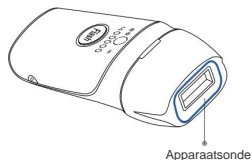
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

Main unit (picture 1):



Goggles (picture 3):

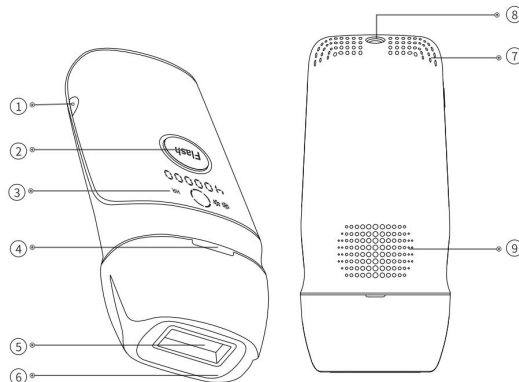


Power Adaptor (picture 2):




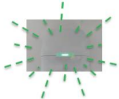
08

3.3.2. Configuration of Main unit



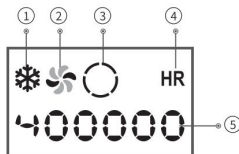
- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |







09

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

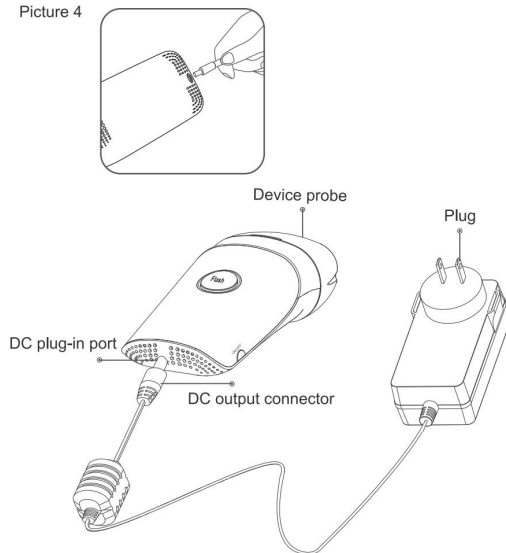
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.


4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

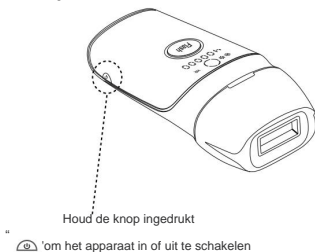
Picture 4





Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.

• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Afbeelding 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1) In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "⊖" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "⊖" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

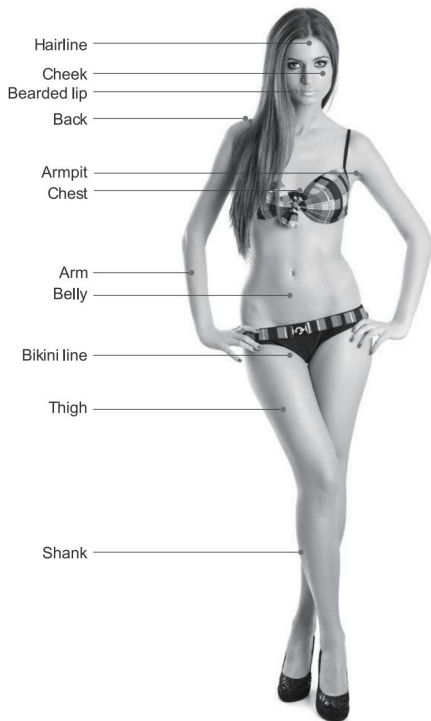
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✗

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.



Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• Burns, abnormal redness and swelling

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• Skin discoloration

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• Skin infections and inflammation

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• Possible causes of excessive pain during and after the treatment

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
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8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

FCC-informatie:

LET OP: Wijzigingen of aanpassingen die niet uitdrukkelijk zijn goedgekeurd door de partij die verantwoordelijk is voor naleving kunnen de bevoegdheid van de gebruiker om de apparatuur te bedienen ongeldig maken! Dit apparaat voldoet aan Deel 15 van de FCC-regels. De werking is onderworpen aan de volgende twee voorwaarden:

- 1) Dit product kan schadelijke interferentie veroorzaken.
- 2) Dit product moet alle ontvangen interferentie accepteren, inclusief interferentie die een ongewenste werking kan veroorzaken.

WAARSCHUWING: Wijzigingen of aanpassingen aan dit product die niet uitdrukkelijk zijn goedgekeurd door de partij die verantwoordelijk is voor naleving kunnen de bevoegdheid van de gebruiker om het product te bedienen ongeldig maken.

Opmerking: Dit product is getest en voldoet aan de limieten voor een digitaal apparaat van Klasse B overeenkomstig Deel 15 van de FCC-regels. Deze limieten zijn bedoeld om redelijke bescherming te bieden tegen schadelijke interferentie in een residentiële installatie.

Dit product genereert, gebruikt en kan radiofrequentie-energie uitstralen, en als het niet wordt geïnstalleerd en gebruikt in overeenstemming met de instructies, kan het schadelijke interferentie aan radiocommunicatie veroorzaken. Er is echter geen garantie dat er geen interferentie zal optreden in een bepaalde installatie. Als dit product 28

schadelijke interferentie voor radio- of televisieontvangst, die kan worden vastgesteld door het product uit en weer in te schakelen, wordt de gebruiker aangeraden te proberen de interferentie te corrigeren door een of meer van de volgende maatregelen.

- Heroriënteer of verplaats de ontvangstantenne.
- Vergroot de afstand tussen het product en de ontvanger.
- Sluit het product aan op een stopcontact op een ander circuit dan dat waarop de ontvanger is aangesloten.
- Raadpleeg de dealer of een ervaren radio-/tv-technicus voor hulp.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
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10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
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6		
7		
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10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷

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System för intensivt pulserat ljus (IPL).

Modell: T013C

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estimate of savings you might benefit from buying certain tools with us compared to the major
top brands and does not necessarily mean to cover all categories of tools offered by us. Du
påminns vänligen om att noggrant kontrollera när du gör en beställning hos oss om du faktiskt sparar hälften i
jämförelse med de främsta stora varumärkena.

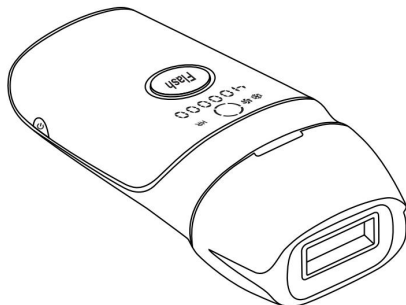
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Intensivt pulserande ljus
(IPL) System

Modell: T013C



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1. Safety Instructions

Before using the Intense Pulsed Light (IPL) System for the first time, please read the user manual carefully.



Warning

- This device is not a toy, keep out of reach of children.
- Please verify the device before you start using it. **DO NOT** use if there is any damage.
- Keep the device and power adapter dry.
- Make sure the device operating voltage complies with the rated voltage of the power source.



Caution: The Intense Pulsed Light (IPL) System is an electrical device. As such, it should be used with special attention to safety. Please read all warnings and cautions before use, and strictly follow them when using the device.

Contraindications:

- The following persons should not use this device:
 - Pregnant women or while nursing, or during menstruation; children.
 - Your skin is sensitive to light and is prone to develop a rash or allergic reaction.
 - You have skin type VI (You rarely to never sunburn, very dark tanning). In this case you run a high risk of developing skin reactions, such as hyperpigmentation and hypopigmentation, strong redness or burns.
 - Persons with a history of skin diseases, or that are currently being treated for skin related diseases.
 - Persons with precancerous lesions or multiple atypical birthmarks (moles) on the areas you want to use the device.
 - If the area you want to treat has infections, burns, eczema, hair follicle inflammation, scratches, open wounds, herpes simplex, lacerations or hematomas.

- Persons with a history of collagen disorder, keloid scar formation or difficulty in healing wounds.
- Persons with a history of vascular diseases, such as varicose veins, etc.
- Persons with diabetes, lupus erythematosus, porphyria, congestive heart disease, and bleeding disorders.
- Persons who have a history of immunosuppressive disease (including HIV infection and AIDS).
- If you are receiving or have received in the last couple of months radiotherapy or chemotherapy.
- This device is not intended for use by persons (including children) with reduced physical, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.



Warning

⚡ **DO NOT** use this device on the following areas:

- On areas with hyperpigmentation or hypopigmentation, intense redness, or burns.
- On areas where you had surgery.
- Around the eyes and eyebrows to avoid eye injury.
- On the nipples, areolas, labia minora, vagina, anus, inside the nostril and ears. Men cannot use this device on the scrotum and face.
- Near silicone implants, pacemakers, subcutaneous injection port (such as insulin dispensers), body piercings. Any artificial surface should be avoided.
- On moles, freckles, large veins, darker pigmented areas, scars, and skin abnormalities without doctor supervision.
- On tattoos or permanent makeup, as it can cause burns to the skin and change its pigmentation.
- On areas where you use long-lasting deodorants, as it may cause skin irritation.
- Do not use this device on skin with sunburns, recently tanned or false tanned.

⚡ **DO NOT** Use this device if you take the following medications or treatments:

- Your skin is being treated or has recently been treated with alpha-hydroxy acids (AHAs), beta -hydroxide acids (BHAs), topical isotretinoin and azelaic acid.
- If you have taken oral or topical Accutane or Roaccutane acid in the past six months. This treatment makes skin more susceptible to lacerations, trauma, and irritation.
- If you are taking any kind of photosensitizing agent or medication, always verify the patient information leaflet of the medicine, and do not use the device if it is specified that it can cause light allergy reactions, photo -toxic reactions, or if you should avoid sun exposure while taking the medicine.
- If you are taking anticoagulant medicines, including the use of large quantities of aspirin and cannot stop at least one week before each treatment.

⚡ Only Adults over 18 years old can use this device **ALWAYS** follow the warnings and using recommendations of this instruction manual.

Immediately **STOP** using the device and consult a doctor if you feel any discomfort.
























Caution:

- ⚡ **DO NOT** touch the internal parts to avoid electric shock, if the device is damaged.
- ⚡ **DO NOT** insert any objects into the device.
- ⚡ The adapter contains a transformer, **DO NOT** cut the power converter to replace it with another plug as it is dangerous.
- ⚡ **DO NOT** use the device if the filter of the light exit window is damaged.
- ⚡ This device cannot be washed. **DO NOT** immerse or wash it under running water.
- ⚡ This device is not suitable to use on children. Keep it out of reach of children.
- ⚡ Regularly clean the device surface to extend its lifetime.
- ⚡ **DO NOT** attempt to disassemble, repair or modify the device by yourself to avoid accidents.
- ⚡ **DO NOT** place or store the device for a long period in a hot or humid environment (e.g. bathroom or swimming pool etc.). If you do not intend to use the device for a long time, store it in a dry place at room temperature.

- ✧ **DO NOT** use this Device in environment with flammable materials/ solutions/ gases or oxygen-rich environment to avoid fire risk.
- ✧ When using this device, ensure you (and other people in the same room) do not look directly into the light exit window to avoid eye discomfort. **ALWAYS** use protective goggles (included) when using the device.
- ✧ **DO NOT** cover the vent during use.
- ✧ **DO NOT** wrap the cable around neck.
- ✧ **DO NOT** use power adapter other than provided by the manufacturer.
- ✧ This device is for single patient reuse.
- ✧ **DO NOT** use the device after sunbath.
- ✧ Please do a cutaneous sensibility test and wait for 24 hours, if you are not sure whether your skin has been tanned or burned.
- ✧ Please unplug the adapter after use.
- ✧ The warning list is not exhaustive. If you are not sure whether you can or cannot use this device, please consult a doctor.

2. Symbols

	Alternating current		This way up
	Direct current		Date of manufacture
	CLASS II equipment		Temperature limit
	Caution		Humidity limitation
	Warning		Atmospheric pressure limitation
	Type BF applied part		The device should be sent to the special agencies according to local regulations for separate collection after its useful life

	Refer to instruction manual		This device has not been tested for use in an MR environment and should not be used exposed to MR environments while patients are wearing the device. Keep it outside the MRI scanner room.
	Manufacturer		Wear eye protection
	Serial number		Indicates a medical device that can be broken or damaged if not handled carefully.
	Indicates a medical device that needs protection from light sources.		Indicates a medical device that needs to be protected from moisture.
	Federal Communications Commission		

Intense Pulsed Light (IPL) System is a device for hair removal based on Intense Pulsed Light (IPL). It works below the skin's surface. The device is only powered by the external power adapter and its IPL emission activation is by finger switch, the purpose of the IPL light is to heat the root where the hair grows. The device incorporates Intense Pulse Light (IPL) technology.

The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

3.1. General introduction

Device Name: Intense Pulsed Light (IPL) System

Model: T013C

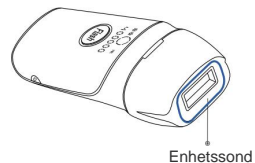
3.2. Indications for use

The Intense Pulsed Light (IPL) System is an over-the-counter device intended for the removal of unwanted body hair.

3.3. Introduction of device

3.3.1. Device picture

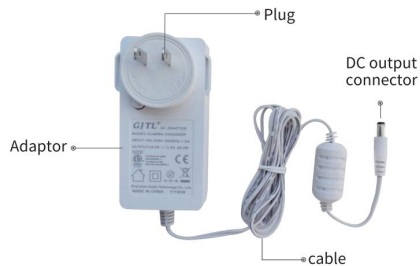
Main unit (picture 1):



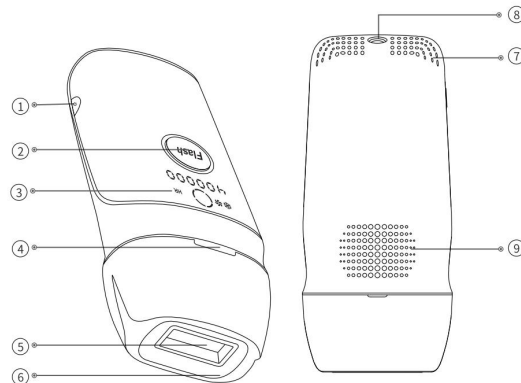
Goggles (picture 3):




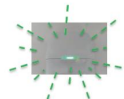
Power Adaptor (picture 2):



3.3.2. Configuration of Main unit

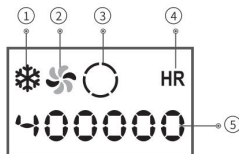








- | | |
|---|--------------------------|
| ① On/Off / Level adjustment button | ⑥ Metal Cooling Plate |
| ② Flash Button | ⑦ Air Vents (Air outlet) |
| ③ Display screen | ⑧ DC Plug-in Port |
| ④ Flash Ready Light | ⑨ Air Vents (Air inlet) |
| ⑤ Light Exit Window (4cm ²) | |

Status of Flash Ready Light	When	Graphical representation
Light on	In "Manual Emit Flash mode", the Device probe is not in full contact with the skin.	
Light with blinking	1. In "Manual Emit Flash mode", the Device probe fully contact the skin and device is ready to trigger a flash, but you doesn't press the Flash Button "⚡" 2. In "Auto Emit Flash mode", the Device probe is not in full contact with the skin.	

3.3.3. Introduction of Display screen

The following items are shown on the display after the device is turned on:



①		Ice-cold care function Generating ice-cold feeling. When device is powered on, the sign  lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
②		Fan Cooling the internal parts of the main unit during device working. When device is powered on, the two blades of sign  lights up and rotates and fan begins working, it will continues working for 30 seconds after device powered off.
③		Intensity level Indicates Intensity level which is adjustable from level 1 to 5. This circle is divided into five parts means the five Intensity level, during device working, the number of parts lighting up is the Intensity level, e.g.: one part of the sign  lights up, means the Intensity level is 1.
④	HR	Sign of Hair removal. When device is powered on, the sign HR lights up and generating ice-cold feeling all the time once contacting with device until device powered off.
⑤	400000	Number of remaining flashes The number of remaining flash times decreases by 1 if flash emits once. This number will gradually decrease to 0 due to increasing use.

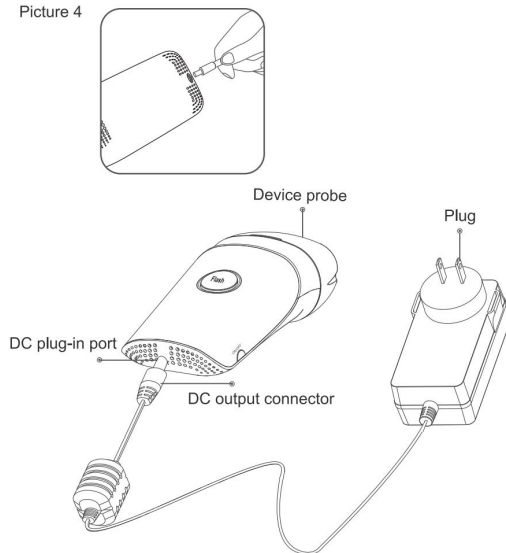
4. How to Use

To ensure the correct operation of this device, please read the instructions carefully before use.

4.1. Device Operation Introduction

• **Preparation:** Connect power adaptor and main unit like following picture 4:

Picture 4



Insert the plug into a power socket and the device gets in standby with about a one-second-long continuous beeping sound.


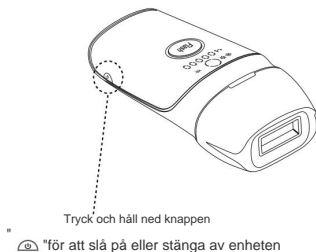


• **Powered on:** With the device in standby, press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the device will be powered on at the first intensity level setting with a two short beeping sounds, at the same time the Fan and Ice-cold care function begin working. (Picture 5)






Bild 5



• **Powered OFF:** Press and hold the "On/Off/Level adjustment button"  for about 2 seconds, the display screen will stop lighting, and the device powered off after a two short beeping sound, and only fan continues working for another 30 seconds after device powered off.

• **Intensity Level Adjustment:** With the device Powered on, press the "On/Off /Level adjustment button"  to adjust the treatment intensity level in a cycle-a total of 5 levels. First-time users should start the first session at the lowest intensity level. You can gradually increase the intensity level. (Picture 6)

Picture 6


Level 1	Level 2	Level 3	Level 4	Level 5
				

• Manual Emit Flash mode:


- 1) With the device Powered on, the device automatically enters "Manual Emit Flash mode".
- 2) Put the Device probe against the area to be treated and press (Picture 7)

Picture 7



- 3) When Flash Ready Light is light with blinking, press the Flash Button  to trigger a flash.

Notes:

- 1). In "Manual Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light on and the device does not emit the flash when pressing the Flash Button  .

- 2). In "Manual Emit Flash mode", if the Device probe fully contact with the skin but not press the Flash Button "☹" to trigger a flash, the Flash Ready Light will light with blinking.
- 3). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light without blinking and device stop emitting flash.
- 4). "Manual Emit Flash mode" is recommended for small area hair removal;

• **Auto Emit Flash mode:** With the device in "Manual Emit Flash mode", press and hold the Flash Button "☹" for about 2 seconds, the device is into "Auto Emit Flash mode" with eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, press the Device probe against the area to be treated, the device will emit the flash automatically without pressing the Flash Button.

Notes:

- 1). In "Auto Emit Flash mode", if the Device probe is not in full contact with the skin, the Flash Ready Light will light with blinking and the device does not emit the flash.
- 2). If the Light Exit Window is close to the skin and does not move, and the flash is continuously exposed for 8 second, Flash Ready Light will be light with blinking and device stop emitting flash.
- 3). "Auto Emit Flash mode" is recommended for large area hair removal.

• **Mode switch:** During device working, take away device from the skin, press and hold the Flash Button for about 2 seconds, if there are eight short beeping sounds "bi-bi--bi-bi--bi-bi--bi-bi" and Flash Ready Light lights with blinking, the device is switched into "Auto Emit Flash mode", if there is two short beeping sounds "bi-bi" and Flash Ready Light lighting on, the device is switched into "Manual Emit Flash mode".

4.2. Skin Test Patch

※ For first-time users, we recommend you to test the device on the arm for reactions with following skin test patch:

- a) Turn on the device, select the intensity level 1, press the Device probe on the skin and apply one flash.
 - b) Wait 24 hours and check your skin for any reaction such as discomfort or pain.
 - c) If the skin on the test site is normal (no discomfort or pain), you can continue to use it, if it is abnormal, please stop using it.
 - d) Increase the intensity by one level, and slide the device to the next area (do not flash multiple times on the same area). Test each intensity level according to above steps a) to c).
- Stop increasing the intensity level and stop the testing when the device causes any discomfort (or pain). **Example:** You can increase the intensity to level 2 and test it according to above steps a) to c) only when the device does not cause any discomfort (or pain) at level 1.

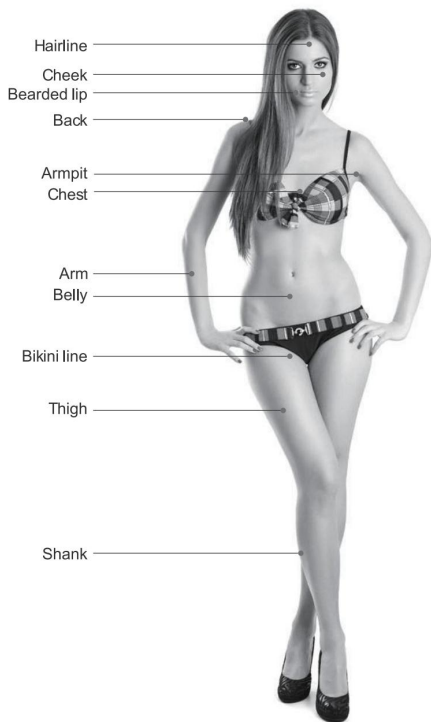
※ After you test the skin, choose the intensity levels that did not cause a reaction on your skin.

※ Wait for 24h each time after following the test patch to verify if your skin has an adverse reaction to the treatment. If there is no visible reaction, you can use the device.

4.3. Using Suggestions

※ Before using the device you removed hairs by using a long-lasting removing method, such as plucking, waxing, etc., wait until hairs start growing again to use the device.

• Treatment areas



• Treatment time

According to hair growth cycle, it is recommended to use the IPL Hair Removal Device once every two weeks for the first 3-4 times and gradually reduce the use according to hairs condition.





• Skin tone/hair color reference chart

Please refer to the chart below before you start using the device to determine if your skin tone and hair color are suitable to use with the intensity lights ("✓" means the device is suitable for you; "X" means the device is not suitable for you, 1-5 refers to the flash intensity levels).

If this device is suitable for you, please refer to below chart to select an appropriate light intensity (the device is more effective at a higher intensity light. However, if you feel any pain or discomfort, please reduce the intensity).

Darker skin tones absorb more light easily causing skin irritation. Therefore, persons with darker skin tones are recommended to use a lower flash intensity light. For brown skin tone, please start from the lowest speed mode and adjust the speed setting according to your pain sensation.

Fitzpatrick scale	Type I (scores 0-6) always burns, never tans (palest; freckles)	Type II (scores 7-13) usually burns, tans minimally (light colored but darker than fair)	Type III (scores 14-20) sometimes mild burn, tans uniformly (golden honey or olive)	Type IV (scores 21-27) burns minimally, always tans well (moderate brown)	Type V (scores 28-34) very rarely burns, tans very easily (dark brown)	Type VI (scores 35-36) never burns (deeply pigmented dark brown to darkest brown)
Hair color						
	X	X	X	X	X	X
	X	X	X	X	X	X
	X	X	X	X	X	X

	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~3	✗
	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✓ 1~5	✗

4.4. Using Steps

- Before you start using the device, use a razor or trimmer to shave all hairs on the surface of the skin (do not pluck or use chemical hair removal products) (figure 8), completely dry the skin and remove any oily substances (such as body fragrance, lotion, perfume, sunscreen, and other cosmetics).

Figure 8




- Connect power adaptor and main unit and then inserting the plug into a power socket.
- Press and hold the "On/Off/Level adjustment button"  to turn on the device.
- Select the appropriate flash intensity for your skin tone and hair color (for first-time users, use the lowest light intensity recommended and adjust it gradually).
- Wear protective goggles to avoid looking into the light (figure 9).

Figure 9



- Press the Device probe on the skin, ensuring the Device probe is fully in contact with the skin (Figure 10). Wait for a few secs, when the Flash Ready Light lights with blinking, press the Flash Button to apply the flash. You will feel a slight burning sensation (flash light energy being absorbed). If you want to reduce the burning sensation, adjust the intensity level.

Figure 10



- After use, turn off the device, unplug the power adapter, and clean the device.
Note: 1). This device features an Ice-cold care function, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.
2). The device is equipped with fan in the main unit which is used to cool the internal parts of the main unit during device working. When device is powered on, the fan begins working with a sound of the wind all the time until 30 seconds after device powered off.

- 3). Clean the device according to chapter 6 of this manual after unplug the power adapter 20 minutes.
- 4). After cleaning, put the device and adaptor back to the packing box and storage it according to specified storage condition.

Caution

- 1). After using the device, **DO NOT** apply any fragrant skin care or cosmetic product on your skin.
- 2). **DO NOT** use deodorant immediately after using the device on the armpits. Wait until the skin redness completely disappears to start using deodorant.
- 3). After each treatment, make sure your skin doesn't show any signs of redness after 24 hours.
- 4). Keep the treated area covered and away from direct sunlight two weeks after the treatment or use sunscreen (SPF30+) on the treated area.

5. Rare Side Effects

• **Burns, abnormal redness and swelling**

These reactions are very rare, they may be caused by using a high flash intensity. If these adverse reactions continue for 3 days or more, immediately consult a doctor. Only start the next treatment if the skin is clear of any problem, and make sure you use a lower flash intensity.

• **Skin discoloration**

Normal but very rare. When using the device, the skin may suffer from discoloration, this may happen because you are using a high-intensity flash. When the discoloration disappears, reduce the flash intensity during the next treatments. If the skin discoloration does not disappear after two weeks, please consult a doctor.

• **Skin infections and inflammation**

Very rare. If the device is used in existing wounds and cuts (might happen when shaving the area) it can cause mentioned side effects.

• **Possible causes of excessive pain during and after the treatment**

You used the device on an area that was not shaved before you start the treatment; the flash intensity is too high for your skin tone and hair color;

you used the device in the same exact area more than once; you used the device in an open wound; the area you are treating has any sort of inflammation or infection; you are using the device in areas with tattoos or sunburns.

6. Cleaning & Maintenance

6. 1. Cleaning

After each use, clean this device following below tips:

Purpose: This device is for reuse to remove unwanted hair; you may clean the device surface since which can be contaminated during use with organic soil and microorganisms carried by human hands immediately after each use.

Cleaning Agent: 70% isopropyl alcohol wipe.

Method of Cleaning: To thoroughly clean the device, immediately after each use, rubbing device (including markings) such as the Light Exit Window, shell, button and Display screen by hands without undue pressure with 70% isopropyl alcohol wipes for 15s and Light Exit Window for 3s.

Note:

- a) Ensure that no liquid enters the interior of the device.
- b) NEVER use abrasive cleaning agents, thinners or benzene for cleaning.
- c) NEVER immerse the instrument in water or other cleaning liquids.
- d) Wait 10 minutes after cleaning, allowing the device to air-dry.

Visual Inspection: After cleaning, there should be no visible blotches and soil stains on the device under nature light, if there are still blotches and/or soil stains existed, repeat the cleaning steps mentioned above until there is no visible blotches and soil stains.

Disposing the device if there is corrosion, discoloration, pitting or cracked seals after cleaning, enquire about the options for environment-friendly and appropriate disposal. Take local regulations into account.

Reuse Life: 400,000 flashes

6. 2. Maintenance

- The Light Exit Window is very delicate. It is very important to protect the Light Exit Window from dirt and damage. Do not touch or use tools press it. Must be carefully protected.
- This device is not waterproof. **DO NOT** immerse it or wash it under running water.
- **DO NOT** use steel wool, abrasive cleanser, chemicals or corrosive liquids to clean the device.

7. Storage

DO NOT place or store the device for long periods in a hot or humid environment. Storage this device in following condition:

Storage environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
---------------------	---

8. Recycling



At the end of its life, do not dispose of this device with the household waste. Please take this device to a local recycling point for proper disposal. Proper disposal and recycling practices contribute to environmental protection.

9. Warranty & Support

• Troubleshooting

Problem	Possible Cause	Solution
No Display Screen light	The power cable is not properly connected.	Check the connection of the power supply and adjust the cable.
	Only press "On/Off/Level adjustment button" but not hold it, fail to turn on the device	Press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.

The device does not emit the flash	The power cable is not correctly connected.	Check the connection of the power supply and adjust the cable.
	The Device probe is not close enough to the skin.	Re-adjust the position of the Device Probe on your skin until the Flash Ready Light lights with blinking.
During use the device has enter standby mode.	The device power off automatically if no light is emitted within 5 minutes.	press and hold the "On/Off/Level adjustment button" for about 2 seconds to turn on the device.
The device produces an odd smell	The light exit window filter is dirty	Carefully clean the light exit window filter with 70% isopropyl alcohol wipe.
	Hairs were not properly removed before the treatment. The flash burns the hair causing an odd smell.	Before you start using the device, remove all hairs from the area you want to treat with a razor blade or trimmer.
You feel pain when using the device.	The flash intensity is too high.	Verify the flash intensity and reduce it
	The filter of the light exit window is damaged.	Please stop using the device and contact your Fansizhe local dealer for assistance.
	You are using the device in a non-applicable area.	Please read the instruction manual, warnings and prohibited use are mentioned.
After using the device, the treated area shows signs of redness.	Mild redness is a normal and harmless reaction to the hair removal.	Do not take any action, is a normal reaction.
The treatment results are not satisfactory.	The flash intensity used is too low.	Next treatment, adjust the flash intensity
	The frequency is lower than recommended.	In order to keep the skin smooth and without hairs, is recommended to use the device once every two weeks. Treatment intervals depend on each person hair growth cycle, do not use the device more than once every two weeks Overusing the device increases the risk of adverse skin reactions.

The treatment results are not satisfactory.	Your skin tone and hair color are not suitable to use with this device.	If your body hairs are blonde, red, gray white, or if your skin tone is very dark, do not use this device.
Other problems.		Contact your local dealer.
Note: If the device still does not work properly after using the above solutions, please stop using the device and contact your local dealer.		

10. Packing List

Mainunit	1PC	Power adaptor	1PC
Instruction book	1PC	Safety goggles	1PC
Shaver	1PC	Storage bag	1PC

11. Specification Parameters

Device Name	Intense Pulsed Light (IPL) System		
Model	T013C		
Dimension	171×76×50mm		
Irradiation area	Light outlet: 4cm ²		
Power supply	Input: 100-240V~ 50/60Hz, 1.5A Output: 24V \equiv 2A		
Wavelength	510~1200nm		
Max. Fluence	4.03J/cm ²		
Pulse duration	4 ~ 12ms		
Output energy	3.8J ~ 16.1J		
Service life	400,000 flashes		
Service life for power adapter	10 years		
Service life for goggles	3 years		

Weight	287g
Operating environment	Temperature: 5~30°C Relative humidity: 20 ~ 90%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Storage and transportation environment	Temperature: -20 ~ 55°C Relative humidity: 5 ~ 95%, without condensation Atmospheric Pressure: 70 kPa ~ 106 kPa
Warranty period	One year warranty for main unit
Applied part	Type BF
Software version	T013C-V1.0
No Sterilize requirement	
Not category AP / APG equipment	
Mode of operation: continuous	

Adaptor Technical specifications:

Item	Parameters
Model of adaptor	GJ48WA-2400200DP
Manufacturer of adaptor	Shenzhen Guijin Technology Co., Ltd
Input Voltage	100Vac~240Vac
Input Frequency	50Hz/60Hz, 1.5A
Service life for power adapter	10 years
Output voltage range	22.8 ~ 25.2Vdc
Output current range	0 ~ 2 A
Output power	≤48W
Output over voltage	≤ 170% of output voltage
current-limiting protection	4.5-7.5A

12. Frequently Asked Questions

Q: The device power off automatically during use.

A: The device will power off automatically when the internal temperature of the device is too high, please restart device after 10 minutes.

Q: What is ice-cool care function?

A: The Intense Pulsed Light (IPL) System features ice-cold care function which realized though semiconductor cooling plate, this function auto starts when device is powered on and auto off when device is powered off. The cold side of semiconductor cooling plate is attached with a Metal Cooling Plate which is circled around the Light Exit Window as parts of device surface. Since the temperature of Metal Cooling Plate cooled by semiconductor cooling plate and thus lower than temperature of skin surface, it always generates ice-cold feeling when device contacts with skin surface during it works.

Q: Must I shave hair before each use?

A: No. But you are advised to shave the hair when it is longer than 5mm.

Q: Why my hair still growing after few times treatment? Why it is not falling out immediately after treatment?

A: The Intense Pulsed Light (IPL) System is a home IPL hair removal device which apply very gentle pulses of light to the hair root. It works step by step gradually, first of all, the hair go into its resting phase- the hair you have falls out, and gradually your body grows less hair in that area, and finally, the hair stops growing back, it takes times.

It is a permanent hair remover. Hairs cannot be removed permanently until you have used the device for one period. It can only repress hair growing and slow down hair growing speed at the beginning. The hair enters the sleep state under continuous action. Thus, permanent hair removal effect is achieved.

Q: Why didn't I achieve the same effect as the others, or no effect at all?

A: People have different physiques, and the difference of hair thickness and treated parts can affect the effecting cycle. The using cycle is an average value, of which the specific time may be slightly different.

Q: Which level is suitable?

A: There is no unified standard of the suitable levels, it all depends on how your skin tolerance, the darker the skin color, the lower the level should be used. And start choosing the suitable level from the lowest one. The higher the level is, the more obvious the treatment effect is and the shorter the treating time is. On the contrary, if you use a low level, the treating time will be extended accordingly. It is recommended to do local skin tests on the treated skin part before each hair removal, and then start treatment on large skin areas after, making sure that no skin discomfort occurs on the second day.

Q: Will it hurt?

A: During the hair removal process, light waves will generate heat when encounter hair melanins, causing slight pain. Due to the different skin sensitivity and pain tolerance of different individuals, the actual feelings are different. It is recommended to accelerate the level slowly from the lowest one according to your actual situation.

Q: How to shave? What kinds of hair should be shaved off?

A: Generally speaking, you should shave hair on the armpit parts, bikini parts, and legs before use. The method makes shaving easier:

- 1) Use shaving cream or mild shower gel to lubricate the shaving area
- 2) Or, apply a hot towel on the shaving area for a few minutes, and gently shave the hair immediately after removing the towel, which will make shaving easier.

Q: Why is there a smell of scorched hair after use?

A: That's because the hair is not completely shaved. While using the light waves will generate heat when encounter melanin., which causes the smells of scorched hair. And that is normal.

Q: I want to remove my hair quickly. Can I use the device every day?

A: It is not advised to use the device every day. Hair has a growth cycle; you can use it according to the normal cycle: Use once every two weeks during the first 3 ~ 4 times and gradually decrease the number of using times after the hair growth slows down.

13. Important Information Regarding Electro Magnetic Compatibility (EMC)

Warning: Using cell phone or microwave oven, HF surgical equipment, magnetic resonance imaging or other radio radiant equipment near this device may cause malfunction or lead to loss of essential performance.

Warning: Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.

Warning: Use of adapter other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.

Warning: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of Intense Pulsed Light (IPL) System, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

FCC-information:

FÖRSIKTIGHET: Ändringar eller modifieringar som inte uttryckligen godkänns av den part som ansvarar för efterlevnaden kan upphäva användarens behörighet att använda utrustningen! Denna enhet uppfyller del 15 av FCC-reglerna. Driften är föremål för följande två villkor:

- 1) Denna produkt kan orsaka skadliga störningar.
- 2) Denna produkt måste acceptera alla mottagna störningar, inklusive störningar som kan orsaka önskad funktion.

WARNING: Ändringar eller modifieringar av denna produkt som inte uttryckligen godkänns av den part som är ansvarig för efterlevnaden kan upphäva användarens behörighet att använda produkten.

Obs: Denna produkt har testats och befunnits överensstämma med gränserna för en digital enhet av klass B i enlighet med del 15 av FCC-reglerna. Dessa gränser är utformade för att ge rimligt skydd mot skadliga störningar i en bostadsinstallation.

Denna produkt genererar, använder och kan utstråla radiofrekvensenergi, och om den inte installeras och används i enlighet med instruktionerna kan den orsaka skadliga störningar på radiokommunikation. Det finns dock ingen garanti för att störningar inte kommer att inträffa i en viss installation. Om denna produkt orsakar 28

skadliga störningar på radio- eller tv-mottagning, vilket kan fastställas genom att stänga av och på produkten, uppmanas användaren att försöka korrigera störningen med en eller flera av följande åtgärder.

- Rikta om eller flytta mottagningsantennen.
- Öka avståndet mellan produkten och mottagaren.
- Anslut produkten till ett uttag på en annan krets än den som mottagaren är ansluten till.

- Kontakta återförsäljaren eller en erfaren radio/TV-tekniker för hjälp.

Table 1

Guidance and manufacture's declaration – electromagnetic emission		
The device is intended for use in the electromagnetic environment specified below. The customer of the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment – guidance
Conducted and Radiated RF emissions CISPR 11	Group 1 Class B	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
Conducted RF emissions CISPR 11	Group 1 Class B	The device is suitable for use in all establishments, including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes except for near active HF surgical equipment and the RF shielded room for magnetic resonance imaging.
Radiated RF emissions CISPR 11	Group 1 Class B	
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations and flicker emissions IEC 61000-3-3	Applicable	

Table 2

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge IEC 61000-4-2	±8kV contact; ±2kV, ±4kV, ±8kV, ±15 kV air	±8kV contact; ±2kV, ±4kV, ±8kV, ±15kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Radiated RF EM fields IEC 61000-4-3	3V/m (Professional healthcare facility environment); 10V/m (Home healthcare environment), 80MHz – 2.7GHz 80% AM at 1kHz	10V/m (Home healthcare environment) 80MHz – 2.7GHz 80% AM at 1kHz	
Electrical fast transients/bursts IEC 61000-4-4	±2kV AC power supply lines; ±1kV DC power/Signal lines. 100 kHz repetition frequency	±2kV AC power supply lines;	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Conducted disturbances induced by RF fields IEC 61000-4-6	3V 0.15MHz – 80MHz, 6V in ISM bands between 0.15MHz and 80MHz (Professional healthcare facility environment), 6V in ISM and amateur radio bands between 0.15MHz and 80MHz (Home healthcare environment) 80% AM at 1kHz	Applicable	
Note: The ISM (industrial, scientific and medical) bands between 0.15 MHz and 80 MHz are 6,765 MHz to 6,795 MHz; 13,553 MHz to 13,567 MHz; 26,957 MHz to 27,283 MHz; and 40,66 MHz to 40,70 MHz. The amateur radio bands between 0.15 MHz and 80 MHz are 1.8 MHz to 2.0 MHz, 3.5 MHz to 4.0 MHz, 5.3 MHz to 5.4 MHz, 7 MHz to 7.3 MHz, 10.1 MHz to 10.15 MHz, 14 MHz to 14.2 MHz, 18.07 MHz to 18.17 MHz, 21.0 MHz to 21.4 MHz, 24.89 MHz to 24.99 MHz, 28.0 MHz to 29.7 MHz and 50.0 MHz to 54.0 MHz.			
Rated power frequency magnetic fields IEC 61000-4-8	30A/m 50Hz or 60Hz	30A/m 50Hz	Power frequency magnetic fields should be at levels characteristic of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment.

Voltage dips IEC 61000-4-11	0% Ur, 0.5 cycle At 0°, 45°, 90°, 135°, 180°, 225°, 270° and 315°; 0% Ur, 1 cycle and 70% Ur, 25/30 cycle Single phase: at 0°	Applicable	Mains power quality should be that of a HOME HEALTHCARE ENVIRONMENT or a Professional healthcare facility environment...
Voltage interruptions IEC 61000-4-11	0% Ur, 250/300 cycle	Applicable	
NOTE: Ur is the a.c. mains voltage prior to application of the test level. E.g.: 25/30 means 25 periods at 50 Hz or 30 periods at 60 Hz.			

Table 3

Guidance and manufacture's declaration – electromagnetic immunity			
The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.			
Immunity test	IEC 60601-1-2 test level	Compliance level	Electromagnetic environment- guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	See the following table	Complies	

Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communications equipment

Test frequency (MHz)	Band ^{a)} (MHz)	Service ^{a)}	Modulation ^{b)}	Maximum power (W)	Distance (m)	Immunity Test Level (V/m)
385	380-390	TETRA400	Pulse modulation ^{b)} 18 Hz	1,8	0,3	27
450	430– 470	GMRS 460, FRS 460	FM ^{c)} ± 5 kHz deviation 1 kHz sine	2	0,3	28
710	704-787	LTE Band 13, 17	Pulse modulation ^{b)} 217 Hz	0,2	0,3	9
745						
780						
810	800-960	GSM 800/900, TETRA 800, iDEN 820, CDMA 850, LTE Band 5	Pulse modulation ^{b)} 18 Hz	2	0,3	28
870						
930						
1720	1700-1990	GSM 1800, CDMA 1900, GSM 1900, DECT, LTE Band 1.3.4.25; UMTS	Pulse modulation ^{b)} 217 Hz	2	0,3	28
1845						
1970						
2450	2400-2570	Bluetooth, WLAN, 802.11 b/g/n, RFID 2450, LTE Band 7	Pulse modulation ^{b)} 217 Hz	2	0,3	28
5240	5100-5800	WLAN 802.11 a/n	Pulse ^{b)} modulation 217 Hz	0,2	0,3	9
5500						
5785						

NOTE If necessary to achieve the IMMUNITY TEST LEVEL, the distance between the transmitting antenna and the ME EQUIPMENT or ME SYSTEM may be reduced to 1 m. The 1 m test distance is permitted by IEC 61000-4-3.

- a) For some services, only the uplink frequencies are included.
 b) The carrier shall be modulated using a 50 % duty cycle square wave signal.
 c) As an alternative to FM modulation, 50 % pulse modulation at 18 Hz may be used because while it does not represent actual modulation, it would be worst case.

Table 4

Recommended separation distances between portable and mobile RF communication equipment and The device

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the devices can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as.

Rated maximum output power of transmitter/ W.	Separation distance according to frequency of transmitter/m		
	150kHz ~80MHz $d = 1.2/\sqrt{P}$	80MHz ~800MHz $d = 1.2/\sqrt{P}$	800MHz ~2.5GHz $d = 2.3/\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer.

NOTE 1 At 80MHz and 800MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
1		
2		
3		
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5		
6		
7		
8		
9		
10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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10		

Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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Operation Record

Operating site: _____ Level: _____

No.	Date	Remark
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10		

说明书骑马订装

尺寸:90 X 130mm

封面157g,铜板纸过哑膜

内页材质用105g 铜板纸不用过膜

四色印刷