

# VEVOR

**Upgrade · The Home Creator Way**

## **Industrial Crane Scale**

**MODEL:OCS-Y2**

**VEVOR Support Center**



**OCS-Y2(6600LBS)**





**OCS-Y2(22000LBS)**

**MODEL: OCS-Y2**



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.

	<p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.</p>
	<p>This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices</p>

## SAFETY GUIDE





- For good performance and precise measurement, be careful with daily operation and maintenance. Note the following instructions:
- Do NOT overload the scale. This will damage the load cell and void the warranty.
- Do not leave load hung on the scale for long.
- This will decrease the scale’s accuracy and shorten the load cell’s life.
- Inspect shackle and hook before using.
- When the scale runs out of power, replace the battery with full ones.
- Do not use the scale under thunder or rain.
- Do not attempt to repair the scale yourself.  
Contact your local representative.

## SPECIFICATIONS










Model	OCS-Y2
Max capacity	6600lbs/3000kg 22000lbs/10000kg
Weighing Units	kg/lb/UN
Division	1lbs/500g 5lbs/2000g
Power	3 x AA Batteries (for crane scale) 2 x AAA Batteries(for remote control)

## Display & Keys

### Scale Keys

Key	Name	Function
 ON/OFF	On/Off	Short pressing: Cancel & return to weighing mode Long pressing: Power-on /off
 TARE	TARE	Short pressing: Tare in/out; Increase digit Long pressing: Zero; Move digit
 PEAK	PEAK	Short pressing: to lock peak hold function; Pressing again to unlock peak hold
 HOLD	HOLD	Short pressing: Lock/unlock; Confirm & next Long pressing: Unit Switch; Input / cancel decimal point

### Remote Keys

Key	Name	Function
	Zero	Zero;
	Tare	Tare in/out;
	Hold	Lock or unlock; Confirm & next;
	Acc.	Accumulate weight Decrease flashing digit
	Del.	Delete last weight Clear all weight Left scroll flashing digit
	F1	View Input / cancel decimal point 2nd function
	F2	Unit Switch,
	Off	Long press to power off; Return to weighing mode
	2nd	2nd function;

## Indicators



LED	Name	Note
S	Stable	shown when weight is stable
Z	Zero	shown when weight is at zero
T	Tared	Shown when the scale is tared
H	Hold	Shown when the scale is locked
P	Peak Hold	Shown when weight in peak mode. If weigh value is higher than the previous one automatically display higher one & locked again
lb	lb	Shown when the unit is lb
kg	kg	Shown when the unit is kg
UN	UN	Shown when the unit is N


## Message

Message	Stand for	Note
----		detect weight
SETUP	SETUP	User Setup Menu
bAt99	BATTERY	battery life percentage
End	END	save and exit
off	OFF	power off
over	OVERLOAD	overloading
Err	ERROR	invalid operation

## OPERATION

### Power On/Off




- Simultaneously press  or  for 1s to power-on scale. Scale perform initialization and power-on test, **88888** shows twice, then capacity **1000** shows, battery life percentage **bAt 99** shows, weight detection **- - - -** shows and then auto zero.
- For information about Auto-Zero, refer to Scale Configuration in the Technical Manual.

- Simultaneously press  for 1s to power-off scale. Battery life percentage **bAt 99** shows, off message **OFF** shows and then cut off power.
- When 3 batteries voltage is lower than 3.2V, the scale will auto power off itself and display **bAt 0**. Please replace the dead batteries with new ones.

### Zero



- Simultaneously press  or press  for 1s to zero. **Z** shows
- For information about Manual-Zero Range, refer to Scale Configuration in the Technical Manual.

### Tare In/Out

- In gross mode, press  or press  to tare in. **T** shows.
- If load is in motion, or negative, or out of Tare Range, **Err** shows
- Tare will reduce the apparent overload range of scale. For example, if a 500\*0.2kg scale has a 100kg container as its tare, the scale will overload at a net weight of 401.8kg (500 – 100 + additional 9 divisions).
- In net mode, press  to tare out. **T** disappears.

## Lock/Unlock

● Press  HOLD or  to lock screen. **H** shows.

● Press  HOLD or  again to unlock screen. **H** disappears.

## Unit Switch


● Simultaneously press  HOLD or press  for 1s to switch the unit between kg, lb, and User Unit.

● When unit is kg, **UN** shows. When the unit is lb, **LB** shows. When the unit is N, **KG** shows.


● For more information about the User Unit, refer to Scale Configuration in the Technical Manual.

## Peak Hold

● In weight mode, press  PEAK to peak hold function, "p" shows.

Press  PEAK again to exit peak mode, **P** disappears.

● In peak mode, weigh will be locked, When the weigh is higher than the previous one, automatically display higher one and locked again.




● Remark: Press  HOLD also could unlock PEAK Function.

## USER SETUP




● Press  first then press  or press  TARE and  HOLD simultaneously for 1

seconds to enter User Setup menu. **SETUP** shows.




## Auto-Off Timing

- Press  HOLD or  to enter Auto-Off Timing. *off--* shows.
- Press  TARE or press **F2** , to change timing value.
- Auto-Off Timing can be set to: **0** (disabled), **5** (5min), **15** (15min), **30** (30min), **60** (60min). It is disabled by default.
- Auto-Off function maximizes the scale's battery life against people's carelessness not to power off the scale when it's not working.
- Auto-Off starts the countdown timer when there's no action, or the load is stable. Any key pressing or motion in the load restarts the countdown timer.

## Backlight Brightness

- Press  HOLD or  to enter Backlight Time. *br* shows.
- Press  TARE or press **F2** to change backlight time value.
- Backlight Brightness can be set to: *off* (disabled), **1** (dim), **2** (normal), **3** (bright) .
- Dim backlight brightness saves battery power dramatically.

## Idle Mode Timing

- Press  HOLD or  to enter Idle Mode Timing. *IDL* shows.
- Press  TARE or press **F2** to change timing value.
- Idle Mode Timing can be set to: **0** (disabled) , **5** (5sec) , **10** (10sec), **15** (15sec),

**30** (30sec), **60** (60sec). It is 30sec by default.

- To maximize battery life, scale automatically enters Idle Mode, when there's no action or the load is stable.
- In Idle Mode, scale works in low-power consumption status. Any key pressing or motion in load wakes up scale from Idle Mode.


## Battery Maintenance

**To maximize battery life, please follow the battery maintenance guide.**

- ① This scale is powered by 3 AA 1.5V batteries.
- ① This remote is powered by 2 AAA 1.5V batteries.
- ① Battery houses at the rear of the scale can be opened by screwing off screws.
- ① In order to conserve battery life, enable Auto-Off and display brightness.
- ① When 3 batteries are lower than 3.2 V, the scale will auto power off itself. Please replace the dead batteries with new ones.

## Troubleshooting

**Simple problems can be resolved as the below-listed solution. If problems still exist, please contact your local representative.**

Symptom	Possible Cause	Suggested Solution
not power on after  is pressed	discharged / defective battery	check the battery and replace
	defective On/Off key	press harder and keep pressing for 2s
	defective power cable	open the front panel, check the power cable
	defective main board	contact representative
display flashes	discharged battery	replace battery
no action was taken after the key was pressed	scale is disturbed	re-plug power cable
	defective key	contact representative
weight reading is not stable	load in motion	keep load stable
	damped load cell or main board	dry load cell or main board
	defective main board	contact representative
weight reading is not zero when there is no load	discharged battery	replace battery
	Load cell stressed too long	hang scale in storage
	Load cell drifts	contact representative
large error in weight reading	scale not zeroed before applying the load	Manual Zero scale before loading
	wrong unit	switch to the correct unit
	require calibration	calibrate scale
	defective load cell or main board	contact representative

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