

OCS-S Crane Scale

User Manual

Product Standard: GB/T11883-2002

Accuracy Class: comply with OIML Ⅲ

MC No.:00000421



Please owner/operator read this manual carefully
before using this product and understand the usage rules

F o r e w o r d

Thanks for using our company's electronic crane scale. If you use this crane scale first time, please read this user manual carefully before using. If you have valuable advice after usage, please call or email us.

Version No. : 1st 2020



Summary

Electronic scale is high precision weighing machine that hung on lifting equipment to finish lifting, weighing and recording. Due to electronic scale convenience usage, no occupy more space, low price etc strength, it's widely used metallurgy, building materials, warehouse, docks etc industry and department.

Our single display electronic scale is high brightness LCD display with back light, suitable for indoor ,outdoor etc weighing occasions.

The company's products absorb years of experience in manufacturing advanced weighing instruments at home and abroad, using the concept of a new integrated design, combined with the power of modern electronic integration technology and remote sensing technology , the product has a compact appearance, more convenient use, more reliable quality, and more stable performance. It's an idea choice for measurement by enterprises.



Feature

- Good,stable dynamic weighing performance, the weighing results will not be affected by the shaking of the weight.

- 24-bit high precision AD,1, 000, 000 internal resolution brings high precision and high stability.

- Wide working temperature, suitable for the climate around the world.

- Low voltage automatic shutdown feature.

- The battery voltage display.

- Good electromagnetic compatibility, suitable for harsh enviroments.

- Along with wireless remote control, zero, query ,shut off etc weighing record of scale can be controlled within 6-10 meters range.

- Using the latest dynamic filtering algorithm, anti-shake,stable speed.

- Single weight management view function.



The main technical indicators

- Accuracy class: comply with Ⅲ

- Dry battery version continuous working time: 20 hours

- Lithium battery version continuous working time:60 hours

- Rated working temperature:-10℃-40℃

- Allowed working temperature: -30℃-85℃

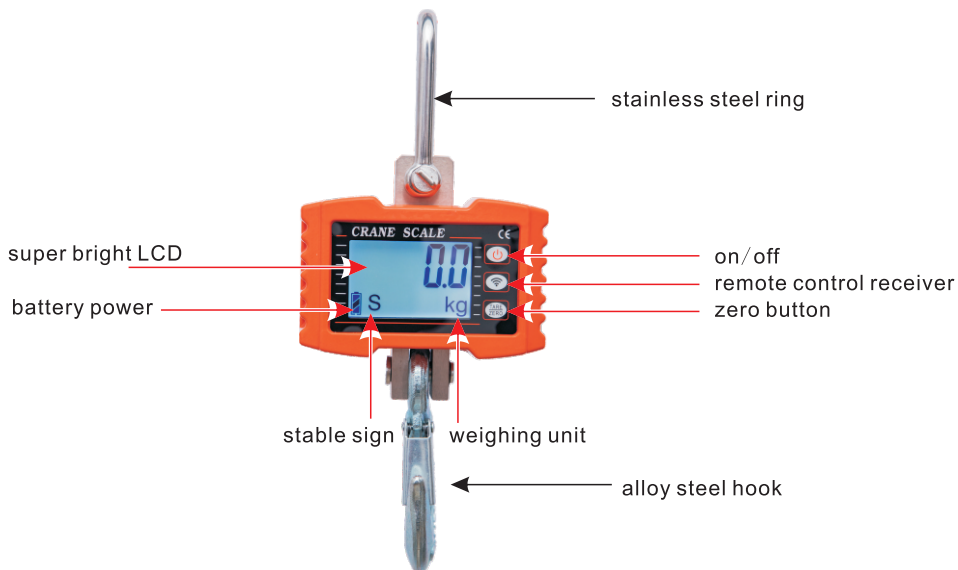
- Enviromen temperature: ≤90%R. H

- Display specification: Dot matrix LCD with backlight display.

Specification and basic parameter

Model	Max	Test d
OCS-S-0.3t	300kg	0.1kg
OCS-S-0.5t	500kg	0.2kg
OCS-S-1t	1000kg	0.2kg

Outshape and buttons



Configuration

- 1、The basic configuration: (1) electronic crane scale body, (2)remote control.*Lithium battery version with adaptor
- 2、Optional configuration: bluetooth module (android)



Usage

1、Post

Ensure no heavy objects on scale hook, press [on/off] key 1 second to release, turn on, display show scale version first, then show max weight, after that show scale battery voltage, after 1 second, it will display in reverse order from "99999" to "00000" and then display "0.0" to enter the weighing state.

Working: after the self-test automatically enter zero load condition, when hanging on heavy objects, when data is stable, the buzzer will sound for 0.5 seconds, and the reading can be read after the steady light on.

2、Zero

After the heavy object is hoisted, after the weigh is stable, press "zero" button on the mainboard or press [→0←] the button of the remote control, the display show "0".

3、Weight retention (locked)


When the weighing is stable, press remote control [H] key to lock the weight display, press it again to release or automatically release after 30 seconds.

4、Shutdown

Press the scale [on/off] key 1 second or press remote control [off] key showing off.



Remote Control Description

*  remote control , power button, power off only, can not power on.

[*] weighing mode: setting
power on self test status: enter calibration

[→0←] weighing mode: zero
parameter setting status : digital shift

[H] weighing mode: weight retention
parameter setting status : digital shift

[▲] weighing mode : query weighing records
parameter setting status: confirm





Overload display

When the lifting weight is greater than 10% of the full scale, OUER is displayed.



Use and maintenance

Electronic crane scale are precision measuring instruments, the below points need to be paid special attention during the use:

1、Our crane scale has good anti-vibration and rainproof performance, but it should be avoided from severe vibration and long time rain, especially pay attention to avoid the crane scale drop off from the hook.

2、When the crane scale needs to work in the high temperature environment, the best way is to order the high temperature crane scale, at the same time, it should be noted that the crane scale can not stay in the high temperature area for a long time.

3、Do not overload the heavy objects, so as to avoid damage to the sensor or cause safety accidents.

4、Due to battery self-discharge phenomenon, even crane scale is not used, it should be on a regular basis to charge the battery in order to avoid over discharge damage to the battery, usually every month (not to exceed 2 month)charge once.

5、Always pay attention to check the scale body mechanical parts, to avoid loosening of screws, bolts and other parts, and keep the scale body in good condition.



Electronic Crane scale Standard

The crane scale has been calibrated with standard weights when it leaves the factory, when re-calibration is needed, you can contact the local metrology department or our factory or the authorized agent of our factory, please do not adjust by yourself.



After sales service and legal responsibility

Neither artificial nor damage caused by force majeure under warranty, our crane scale warranty is one year(except for batteries etc consumable items) .Please inform the fault phenomenon in detail when repair is needed, the repair will be arranged by our factory or authorised agent.

The manufacturer reminds the user to use this product must based on the requirement of the national metrology regulations, and pay attention to daily maintenance to ensure that the crane scale works normally, and the responsibility for the product is limited by the law.

Fault judgment

Fault	The fault reason	The solution
No display after power on	battery need to be charged	power off to charge
	battery damage	replace the battery
	the key damage	replace the key
	press key not appropriate	press key more than 3 seconds
The battery can not charge	adaptor damage	check the adaptor
	battery damage	replace battery
the charging indicator does not light up	The adaptor is not inserted properly	check the 220v socket
	the adaptor damage	change the adaptor
display the numerical instability	battery voltage too low	timely charge off
	the object shakes	stable the objects
empty scale display is not "0"	warm-up time is not enough	warm up for 3-5 minutes
	scale put in the ground long time	the scale should be suspended
The weight error	hook is not in the center	the hook should be flexibly hooked into the ring
	lifting tool is not correct	prevent lifting tool inclined and eccentric
No effect of remote controller the display value flashes	remote control battery no power	replace the battery
	the scale body probe has contaminants	clean the probe
	battery voltage too low	charge immediately

Note: When the crane scale is faulty and cannot be solved, please contact the dealer or manufacturer in time, do not disassemble it by yourself

★Precautions★

Due to battery self-discharge phenomenon, even crane scale is not used, it should be on a regular basis to charge the battery in order to avoid over discharge damage to the battery, usually every month(not to exceed 2 month)charge once.