

OCS Series Electronic Crane Scales

Instruction manual

Important Instructions

Read the manual before you use the crane scale. All work should be done with the power OFF and the scale OFF.

General Information

The crane scale is used to measure the weight of the load being lifted.

Maintenance and precautions

1. Please check the crane scale, lifting hook and other parts, etc. for any damage, deformation, cracking and other abnormalities, and keep them in good condition to ensure the safety of people and goods.

2. When the lifting work is completed, the crane scale should be returned to the original position and the power should be turned off.

3. If the work is done in a long time, it is necessary to check the battery level and charge it in time. Please note that the battery is not to be charged in a fire or other dangerous places.

OCS Series Electronic Crane Scale

Thank you for choosing our OCS Series electronic retail scale. Before operation, read this manual carefully and operate it in accordance with this manual. In case of any questions, get into direct contact with our company and we will provide satisfactory services to you.

Matters needing attention

- (1) The safety factor has been considered in the design of this crane scale, but remember not to exceed the maximum weight of the scale when using it. If any damage caused by overloading, our company will not be responsible for it.
- (2) Please check the ring, hook and other parts, split pin and screw regularly every three months for loosening, deformation, cracking and other phenomena. If any abnormality is found, please immediately stop using it and send it back to the distribution office for repair and replacement of parts to ensure safety.
- (3) After use, the hook should be suspended vertically, otherwise it is easy to damage the sensor.
- (4) the hanging scale should avoid corrosive gas.
- (5) If the hook scale is not used for a long time, in order to ensure the life of the battery, please charge it regularly every three months, and charge it before use.
- (6) Please send the crane scale to the maintenance department of our factory or make a call to make an appointment for on-site repair, and shall not dismantle and repair by yourself.
- (7) The hook scale has battery protection function. When the battery is low in power, the display screen displays - CD - to remind the user that the battery is low in power, and charge after shutdown. At the same time, the charging indicator lights up.

Chapter I Application characteristics

OCS-P type high-precision digital indication single-face electronic hook scale is a new weighing equipment that combines scale body, sensor and power supply. It can be directly hung on the hook of the crane to complete loading and unloading and weighing simultaneously. The display screen is a super high brightness digital tube or liquid crystal display, and the digital can be clearly visible within the range of 25m.

In order to adapt to the special use of customers, this product can also be configured with wireless large screen reception, visual transmission distance up to 500m, convenient remote monitoring.

The system adopts micro-power communication technology and meets the requirements of the National Radio Regulatory Commission.

Scale body adopts high strength aluminum alloy housing, light structure, simple and convenient operation.

This product is widely used in textile industry, chemical industry, pharmaceutical industry, storage industry and other occasions, is the realization of modern management, improve the efficiency and economic benefits of the ideal measuring equipment.

The product conforms to the standards of JJG539-97 Verification Regulation of Digital Indicator Weighing System, JJG555-96 Verification Regulation of Non-automatic Weighing System, International Organization for Legal Measurement (OIML) International Recommendation R76 for Non-automatic Weighing System and so on.

The basic technical parameters are as follows:

Table 1-1 basic parameters of OCS-P type high-precision digital indication single-side direct view electronic hook scale

Grade of accuracy	OIML level 3
Zero range	4% maximum weighing
Readout stabilization time	3 to 7 seconds
Overload alarm value	DMaximum weighing plus 9 D's
Maximum safe load	125% maximum weighing
The limit factor	4
The power supply	Fully sealed maintenance-free rechargeable battery 6V/ 4.5Ah
According to	Ultra-high brightness luminescent digital tube or LCD screen, word height 30mm/5 bits
Operating temperature range	- 10 degrees - 40 degrees
Remote control keyboard remote control range	≤ 20m

Chapter II describes the characteristics

1, the main body of the display window is 1.2 inches of ultra-bright eight-segment code display, the scale body in different states, display the corresponding information.

Users can operate according to the prompt information of the form.

3. The small light on the upper right of the main window is the charging prompt of the weighing body.

In the process of charging the scale body, it is in the light state.

3. The small light on the far left of the main window is a stable reminder. When the scale reaches a stable state during operation, it is in the light state.

Key definition:

Main Board: Recall Tape/Zero/On/Off

A: Tape/Zero B: Hold C: Recall D: Unit

Chapter III Basic Operation

1. Calibration method:

1. Long press the B key during the boot process to display SET;
2. Press B until CALSP is displayed;
3. Press the C key to enter the calibration. At this time, CAL00 will be displayed, indicating that the zero point will be calibrated.
4. At this time, the weight of LOAD and calibration weight is displayed alternately, and the calibration weight is loaded;
5. If it is not necessary to modify the weight of the calibration weight, press the C button to confirm after it is properly stabilized;

If the calibration weight needs to be modified, press the B key to enter the weight modification.

When modifying the weight of the calibration weight, press A key to flash the number +1, press B key to shift, press C key to confirm after the modification of the number, and the calibration is completed;

3. Other parameter Settings:

1. Long press the B key during the boot process to display SET, and press the C key to enter setting;
2. Display D --, press B key to select the desired value, press C key to confirm and enter the next step;
3. Display the maximum weighing, press B to select the required maximum weighing, press C to confirm and enter the next step;
4. Display C--, press B key to select the number of decimal points, press C key to confirm and complete the setting;
4. Other functions

HOLD MODE HOLD:

Press the B key to display HOLD, indicating that the HOLD function has been turned on;

Press B again to exit hold mode.

Query function Recall:

The scale body automatically stores the weight of the last 10 weighing times. When the weight is

stable, the memory can be carried out next time after the weight returns to zero.

1. Long press the Recall button on the motherboard or remote control to enter the query mode.

If the weight has already been stored, the last weight will be displayed after the display of NO1.

Otherwise, long press "RECALL" will not work.

2. Flip down by pressing the Recall button on the motherboard or remote control;

3. How to exit query mode: 1. Click to the last time and press "Recall" to exit query mode;

2. Long press the Recall button to exit the query mode immediately;

4. Way to clear weight memory: 1. Long press the TEPE key in query mode to clear and exit;

2. Restart the scale body;

Unit conversion function:

Long press the D button in the weighing state to display LB or KG, representing pounds and Kg respectively;

Remote Shutdown:

Press the A and B keys at the same time. Off will appear and power OFF will be turned OFF.

Automatic shutdown:

Sleep mode (shows only one bar flashing) will automatically turn off after 5 minutes

Maintenance and precautions

1. Please often check the lifting rings, lifting hooks and other parts, split pins, screws for loosening, deformation, cracking and other phenomena, and keep them in good condition to ensure the safety of people and goods.
2. When the lifting scale is not in use, the hook should be suspended vertically, and the storage place should be dry and ventilated to avoid corrosive gas.
3. If the hook scale is not used for a long time, in order to ensure the life of the battery, please charge it once a month regularly and charge it before use. Note that the battery is not within the scope of three packs.

4. Please send the crane scale to the maintenance department of our factory or make a call to make an appointment for on-site repair. It is not allowed to dismantle and repair itself.
5. The safety factor has been considered in the design of the lifting scale, but remember not to exceed the maximum weight of the scale when used, which will cause permanent damage to the sensor. At the same time, our company will not be responsible for any damage caused by overloading.

Maintenance and precautions

1. Please often check the lifting cable, lifting hook and other parts. When you find any abnormality, please stop using it immediately and contact our factory for repair.
2. When the lifting scale is used, the load should be evenly distributed, and the weight should be within the rated capacity of the scale.
3. If the load is too heavy, it will cause the scale to be damaged. Please do not exceed the rated capacity of the scale.
4. Please do not use the scale in a wet or corrosive environment.
5. Please do not use the scale to lift people or other objects.
6. Please do not use the scale to lift flammable or explosive materials.
7. Please do not use the scale to lift objects that are too hot or too cold.
8. Please do not use the scale to lift objects that are too long or too wide.
9. Please do not use the scale to lift objects that are too heavy or too light.
10. Please do not use the scale to lift objects that are too fast or too slow.