

5.Optional wireless device.

Our products offer optional wireless connectivity, including handheld devices, printers, large screens, wireless communication modules (232/485), Bluetooth, Wi-Fi, and 4G. These allow data from the scale to be transmitted wirelessly to meet different needs. Please refer to the relevant instrument manual for detailed instructions.

Optional devices:



Bluetooth



Wireless Handheld



Handheld Printer



Alarm Light



SS Printing Indicator



3"/"4"/5" wireless screen



RX01 Wireless Communication Module

US-BLW Electronic Crane Scale User Manual

PA 2021FE0003-32



To ensure safety for both personnel and equipment, the electronic hanging scale is typically used with a crane. Before use, operators, crane workers, and riggers must carefully read and follow the instructions, conduct regular checks, and perform maintenance to avoid accidents and equipment damage.

Dear Customers: Please carefully read this manual before using the crane scale

Note: We reserve the right to make changes to any components of the product without prior notice



Warning

Safety First in Lifting Operations!

- 1.Crane Scale is a Lifting Equipment. Strictly Adhere to Crane Safety Regulations and Safety Management System During Use.
- 2.Maintain a Safe Distance from the Hanging Scale: Prohibit Objects from Passing Over People or Equipment during Use.

1、 Introduction

The new OCS light electronic crane scale combines reliable and advanced hardware circuits with scientific algorithms. Can be placed directly on the hook of the crane, After testing, the light crane scale is made of anti-fall and crash-resistant ABS material, IP68 waterproof and dust-proof.

The casing is bright colored and can be used outdoors.

Our company adopts high-precision AD conversion technology and a shake compensation circuit specially designed for crane scales, which is fast and stable. It has extremely strong anti-interference ability, and has been widely used in various measurement occasions such as industrial mining, chemical industry, and smelting.

2、 Using Method

1. Turn on the Scale

Make sure that there is no goods in the hook of the crane scale, press and hold the bottom button of the scale body, and the blue light will flash when it is turned on.

2. Zero, Tare

Press the 【ZERO】/【TARE】 if the weight is stable, it will be tared off, and the display screen of the wireless device will display "0".

3. Weighing and measuring

Lift the item to be weighed off the ground, and the display of the device will show the weight of the goods to be weighed. Wait until the connected wireless device's stable light is on to take a reading.

4. shutdown

Press the button at the bottom of the scale, and the blue light will disappear.

5. Automatic Sleep Function and weighing recovery

If the crane scale has not been operated for 5 minutes, it will automatically enter the sleep status. At this time, the device will display "-" flashing. Press any key on the i indicator or hang a heavy goods, and the crane scale will return to the normal weighing state.

3. Battery maintenance and charging

1. When the battery power is low and there is only one battery icon left, the user is prompted to charge as soon as possible;
2. Please charge it each 2 months to maintain the best performance of the battery if it is not used for a long time. Excessive discharge will shorten the life of the battery until it can no longer be charged and is scrapped.
3. Insert the supplied charger plug into the charging port at the bottom of the scale body, and the charger can be charged when it is plugged in. It takes about 8 hours to charge once.
4. Please use the special charger provided by our factory to charge to prevent the device from burning out.

4. Maintenance

1. Do not exceed the max capacity of the weighing goods; avoid long-term lifting to ensure the service life of the sensor.
2. Please check each part before use to ensure safe. The basic inspection items are as follows:

- Whether the connecting parts (load-bearing parts of the scale body, bolts, pins, etc.) are loosed or incomplete;
- Whether the hooks, rings and other parts are deformed, worn, cracked on the surface or metal fatigue;
- The deformation of the hook and ring exceeds the allowable range;
- Before lifting the object to be weighed, make sure that the spreader, wire rope, ring chain, etc. are in the center of the scale hooks.

If the above situation occurs, please stop using it immediately and contact the distributor or our company for repair, and replace it with new parts before using it.

3. It is strictly forbidden to repair any defects of the load-bearing parts of the crane scale by burning, heating, welding or bending.
4. It is strictly forbidden to cut, weld or paste any appendages on the weighing parts of the crane scale.
5. The scale body is prohibited from being violently impacted.
6. When using outdoors, please shut down and suspend use in case of lightning.
7. Please do not disassemble or repair the crane scale without authorization. If you have any questions, please contact the distributor or our company immediately to avoid losing the warranty right.