



CÔNG TY TNHH KỸ THUẬT VÀ THƯƠNG MẠI HOÀNG THANH
HOANG THANH TECHNICAL & TRADING COMPANY LIMITED
Địa chỉ: Số 3 ngách 138/58/29 Tân Triều – Thanh Trì – Hà Nội
Điện Thoại : 0987 059 224 Fax: (04) 3552 8854
Website : hota.vn - bancandientu.vn Email: hoang.hota@gmail.com

HOTA OCS-XZ Crane scale

Owner's Manual



HOTA OCS-XZ Crane Scale

Electronic crane scale is a high-precision scale which, suspended on the hoisting equipment, accomplishing to hoist, to weigh and to gather weighing data at once. The easy-to-use, space-saving and economical scale has found wide applications in industries such as metallurgy, construction as well as in the warehouses and piers.

The one-side display crane scale manufactured by our company includes two types of display: LED and LCD. The former is characteristic of high brightness, high lighting and crashworthiness, while the later is independent of light conditions, that is, it can work either in the sun, or low-light areas indoors or at night.

Function Features

- Good dynamic weighing, the weighing result will not be influenced even when the
- Scale is in dynamic status;
- 1,000,000 internal resolution leading to high precision and high stability;
- Automatic “close-off”;
- Automatic recording of the latest 13 weighing data and data retained at power off;
- Displayed battery voltage;
- Good electromagnetic compatibility that allows the scale to work in adverse working environment;

- Optional remote controller allowing as to set zero, to inquire or to turn it off;
- Optional wireless data transmission module or wireless large scale screen display
- Capable of receiving weighing result 100 meters away.

Major technical indexes

- Precision: comply with OIML III ;
- Continual working hours per recharging:
150 hours (LCD without backlight);
60 hours (LED; LCD with backlight).
- Safe overload: 120%F.S;
- Rated temperature: -10°C — 40°C
- Operating temp: -30°C — 85°C (LED); -10°C — 70°C (LCD)

PS: Please inform us if the scale is used to hoist red-hot objects like liquid steel;

The accuracy will be worse if the temperature over the rated temperature.

- Ambient humidity: $\leq 90\%$ R.H
- Dimension of display:
LED Display: 5 digit 30mm (1.2") LED indicator;
LCD Display: 5 digit 33mm LCD indicator(with backlight), kg or lb display;

Specifications and fundamental Parameters

Model	Capacity	Division	Weight
OCS-XZ-0.5	500kg	0.2kg	17kg
OCS-XZ-1	1000kg	0.5kg	17kg
OCS-XZ-2	2000kg	1kg	18kg
OCS-XZ-3	3000kg	1kg	18kg
OCS-XZ-5	5000kg	2kg	23kg
OCS-XZ-10	10000kg	5kg	37kg
OCS-XZ-15	15000kg	5kg	78kg
OCS-XZ-20	20000kg	10kg	78kg
OCS-XZ-30	30000kg	10kg	146kg

Note: The division value of display can be set. The value listed in the above table is normal value.

Appearance and keys



Configuration

1. Fundamental configuration

(1) scale body; (2) charger.

2. Optional configuration

(1) radio-link; (2) remote controller; (3) wireless large scale screen; (4) high-temperature casing.



Operational instructions

1. Self-check after power-on

Before the scale works, make sure that the scale hook is free of any load and then push ON/OFF. The indicator will read in turn the software edition No., weight capacity and the voltage of the battery. Two seconds later the screen will begin to display a series of digits from “00000” to “99999” in the reversed order. The scale can start working when the indicator reads from “00000” to “0”.

2. ZERO

Push “ZERO” or “A” key on the remote controller. If the hung weight is in steady state, it will be regarded as tare and “0” will be displayed.

3. Inquire weighing data

Push “RECALL” or “D” key on the remote controller, and the scale will display the last weighing result. The second push will show the result of the last second weighing. The scale can recall altogether 13 records of the latest weighing results.

Push “ZERO” to finish inquiring. The data recorded retains at power off.

4. Time-lapse Zero (applicable in the scale without remote controller)

The scale without remote controller is difficult to set zero when the goods is very high. One way is lifting the goods before the self-check finished; another way is press “ZERO” until hear “doo..” then loosen, it will show “A”, then lifting the goods, after 30 seconds the scale sets zero automatically.

5. Shut down the power

Push “ON/OFF” or “B” on the remote controller, shut down the scale. When the scale remains steady for over 50 minutes, the power will be automatically shut down. Transient flickering is normal indicating that the system security monitoring circuit works.

6. Power on/off the backlight (applicable in the LCD Display only).

Press “RECALL” then immediately press “ZERO” to turn on or off the backlight. Or press “C” key on the remote controller to turn on or off the backlight. If no operation is performed in 1 minute, the backlight will go out automatically and lights up again when another weight is hung on the scale.

Charging

The battery can be charged up either on or off the crane scale. When the voltage is less than 5.8V, the batteries should be

recharged. Over discharging the battery will shorten its life. When “low battery” lights up, the battery should be charged immediately.

Plug the socket of the charger at the back of the scale in a power supply of either 110V or 220V for about 8 hours. Keep pushing “ZERO” at power on, and the status of charging is under control according to the display of voltage of the battery being charged.

Maintenance

- The crane scale is an high-accuracy instrument that needs special caring in the following respects:
- Although our crane scale is strong in vibration- and water-proof, it should be protected from violent vibration and drench of rain. Special attention should be paid that the weight not falls from the hook.
- If the scale is to work in high-temperature environment, it is advisable that a request to be made for high-temperature crane scales. Besides, do not let the scale keep working in high temperature areas too long, for the scale may not perform normally if the temperature of the outer case is above 70°C.
- Over loading will cause ruins to the load cell.
- The storage battery will discharge automatically and over discharging will ruin the battery; therefore, it should be recharged regularly, generally speaking, once every three months, even when the scale is not used for some time.

Calibration

The crane scale which has been calibrated with scale is ready to use. If the scale needs to be re-calibrated, please contact us or the authorized agents of ours. Please do not adjust the scale by your own.

Wireless Interface Units

If need be, users can request for wireless interface units to be disposed so that data on the display can be received by way of wireless transmission.

Indicators of various functions or prices are available in our company. For more details of usage, please refer to correspondent manuals.