iDili OCS-S

iDili OCS-S Digital Crane Scale Instruction Manual

Model: OCS-S | Capacity: 1000KG / 2000LBS

1. Introduction

This manual provides essential information for the safe and effective operation of your iDili OCS-S Digital Crane Scale. This heavy-duty digital hanging scale is designed for accurate weight measurement of suspended loads up to 1000 kilograms (2000 pounds). Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

Warning: Failure to follow these safety instructions may result in injury or damage to the equipment.

- Do not exceed the maximum weight capacity of 1000KG (2000LBS). Overloading can cause structural failure and severe injury.
- Ensure the scale is securely attached to a suitable lifting device and the load is properly secured to the scale's lower hook before lifting.
- Always stand clear of suspended loads. Never work under a suspended load.
- Inspect the scale, hooks, and shackles for any signs of wear, damage, or deformation before each use. Do not use if damaged.
- Avoid sudden impacts or drops, as this can affect accuracy and structural integrity.
- Do not attempt to disassemble or repair the scale yourself. Refer to qualified service personnel.
- Keep the scale away from extreme temperatures, moisture, and corrosive environments.

3. Package Contents

Verify that all items are present upon unpacking:

- 1 x iDili OCS-S Digital Crane Scale
- 1 x User Manual (this document)

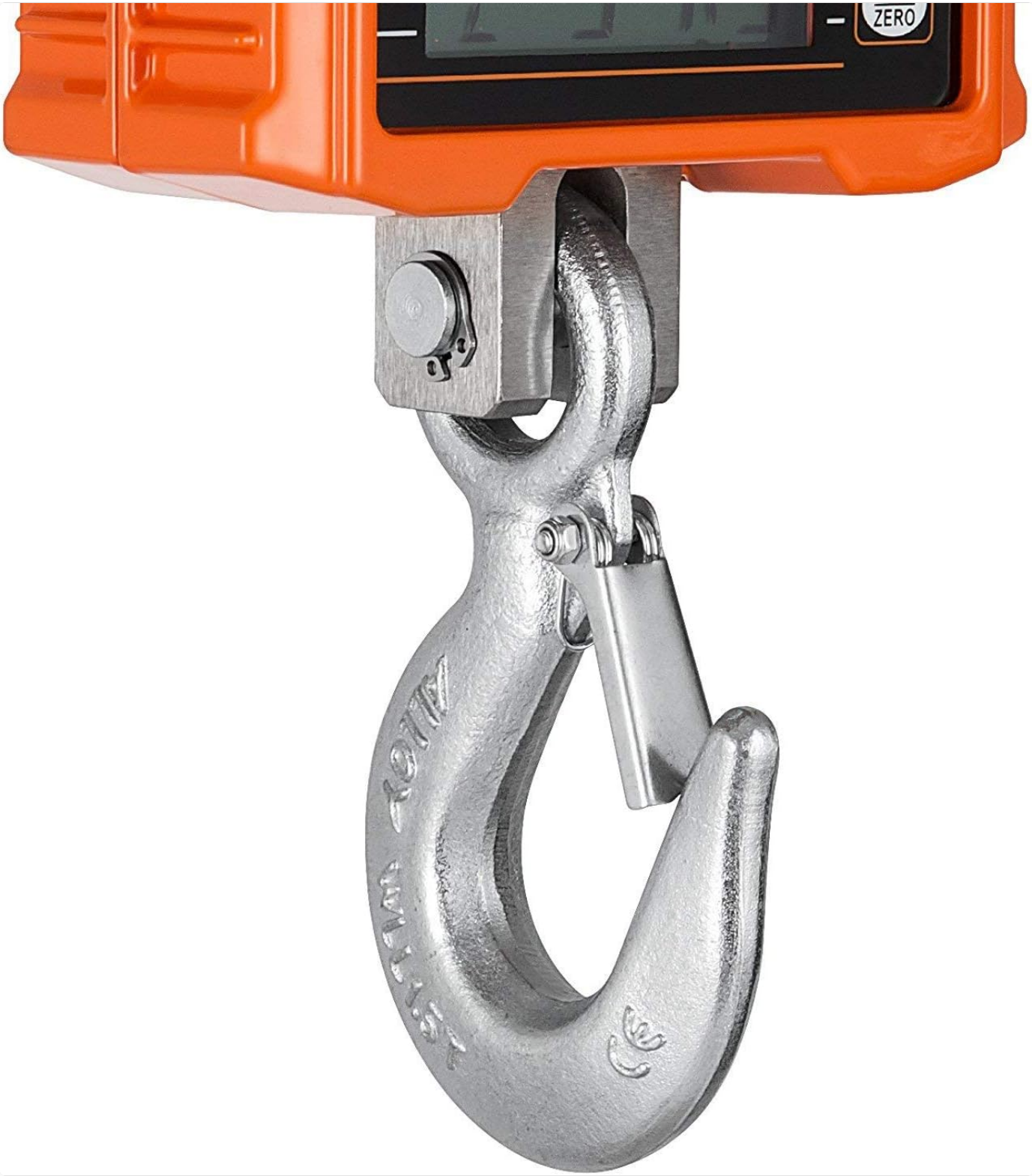


Image: The iDili OCS-S Digital Crane Scale shown in its retail packaging, including the scale unit and a manual.

4. Product Features

- Durable aluminum die-casting case.
- Clear LCD display with backlight for visibility in various conditions.
- Equipped with an American standard eye hook and a dedicated weighing load cell.
- Functions include resolution switch, unit conversion (KG/LBS), auto power-off, and battery inspection.
- High performance with quality integrated circuit technology.



Image: A front view of the iDili OCS-S Digital Crane Scale, highlighting its orange casing, LCD display, and robust hooks.

5. Setup

5.1 Battery Installation

1. Locate the battery compartment cover on the back of the scale.
2. Remove the cover by sliding or unscrewing it.
3. Insert three (3) AA 1.5V batteries, ensuring correct polarity (+/-). Batteries are not included.
4. Replace the battery compartment cover securely.



Image: The back of the crane scale with the battery compartment open, showing the slots for three AA batteries.

5.2 Attaching Hooks and Shackles

The scale comes with an upper eye hook and a lower weighing hook. Ensure both are securely fastened before use.

- The upper eye hook is used to connect the scale to your lifting equipment (e.g., crane, hoist). Verify that the shackle pin is tightened.
- The lower hook is where the load will be attached. Ensure its safety latch operates freely and securely.



Image: A detailed view of the robust metal eye hook at the top of the crane scale, secured with a pin.



Image: A detailed view of the heavy-duty metal weighing hook at the bottom of the crane scale, featuring a safety latch.

6. Operating Instructions



Image: A close-up of the crane scale's control panel, showing the LCD screen and buttons for Power, Hold/Unit, and Tare/Zero.

6.1 Power On/Off

- To power on: Press the **POWER** button ( ). The display will light up and show '0.0'.
- To power off: Press and hold the **POWER** button for a few seconds until the display turns off.

6.2 Unit Conversion (KG/LBS)

- With the scale powered on, press the **HOLD/UNIT** button briefly to switch between kilograms (KG) and pounds (LBS). The selected unit will be displayed.

6.3 Tare / Zero Function

- To zero the scale: With no load on the hook, press the **TARE/ZERO** button. The display will show '0.0'.
- To tare a container: Place the empty container on the hook. Once the weight stabilizes, press the **TARE/ZERO** button. The display will reset to '0.0', allowing you to weigh the contents accurately.

6.4 Hold Function

- To hold a reading: While a load is being weighed, press the **HOLD/UNIT** button. The displayed weight will be locked, indicated by a 'HOLD' icon or similar on the screen.
- To release the hold: Press the **HOLD/UNIT** button again.

6.5 Weighing Procedure

1. Ensure the scale is powered on and zeroed.
2. Carefully attach the item to be weighed to the lower hook.
3. Lift the scale and the attached load slowly and steadily.
4. Wait for the display to stabilize and show the weight.
5. Record the reading if necessary.
6. Lower the load carefully and detach it from the hook.

7. Maintenance

7.1 Cleaning

- Wipe the scale with a soft, damp cloth. Do not use abrasive cleaners or immerse the scale in water.
- Ensure the display and buttons are free from dust and debris.

7.2 Battery Replacement

- When the battery indicator appears on the display, replace the batteries as described in Section 5.1.
- Remove batteries if the scale will not be used for an extended period to prevent leakage.

7.3 Storage

- Store the scale in a dry, cool place, away from direct sunlight and extreme temperatures.
- Keep it protected from dust and physical damage.

8. Troubleshooting

Problem	Possible Cause	Solution
Scale does not power on	Dead or incorrectly installed batteries	Replace batteries, ensuring correct polarity.
Inaccurate readings	Unstable load, scale not zeroed, exceeding capacity	Ensure load is stable. Press TARE/ZERO before weighing. Do not exceed 1000KG/2000LBS.
Display shows 'OL' or 'EEEE'	Overload condition	Remove load immediately. Reduce load to within capacity.
Auto shut-off too quickly	Low battery, or normal power-saving feature	Replace batteries. The scale is designed to auto-shut off to conserve power.

9. Specifications

Feature	Specification
Model	OCS-S
Capacity	1000 kg / 2000 lbs

Feature	Specification
Accuracy Class	OIML III
Readout Accuracy	0.5%
Tare Range	100% F.S.
Zero Range	4% F.S.
Safe Overload	120% F.S.
Ultimate Overload	400% F.S.
Overload Alarm	100% F.S. + 9e
Display Type	22mm/11mm HTN LCD with backlight
Power Source	3 x AA 1.5V batteries (not included)
Battery Life	>100 hours
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Material	Aluminum (die-casting case)
Item Weight	1.08 pounds
Dimensions (approx.)	10.79 x 7.01 x 4.13 inches (Package Dimensions)



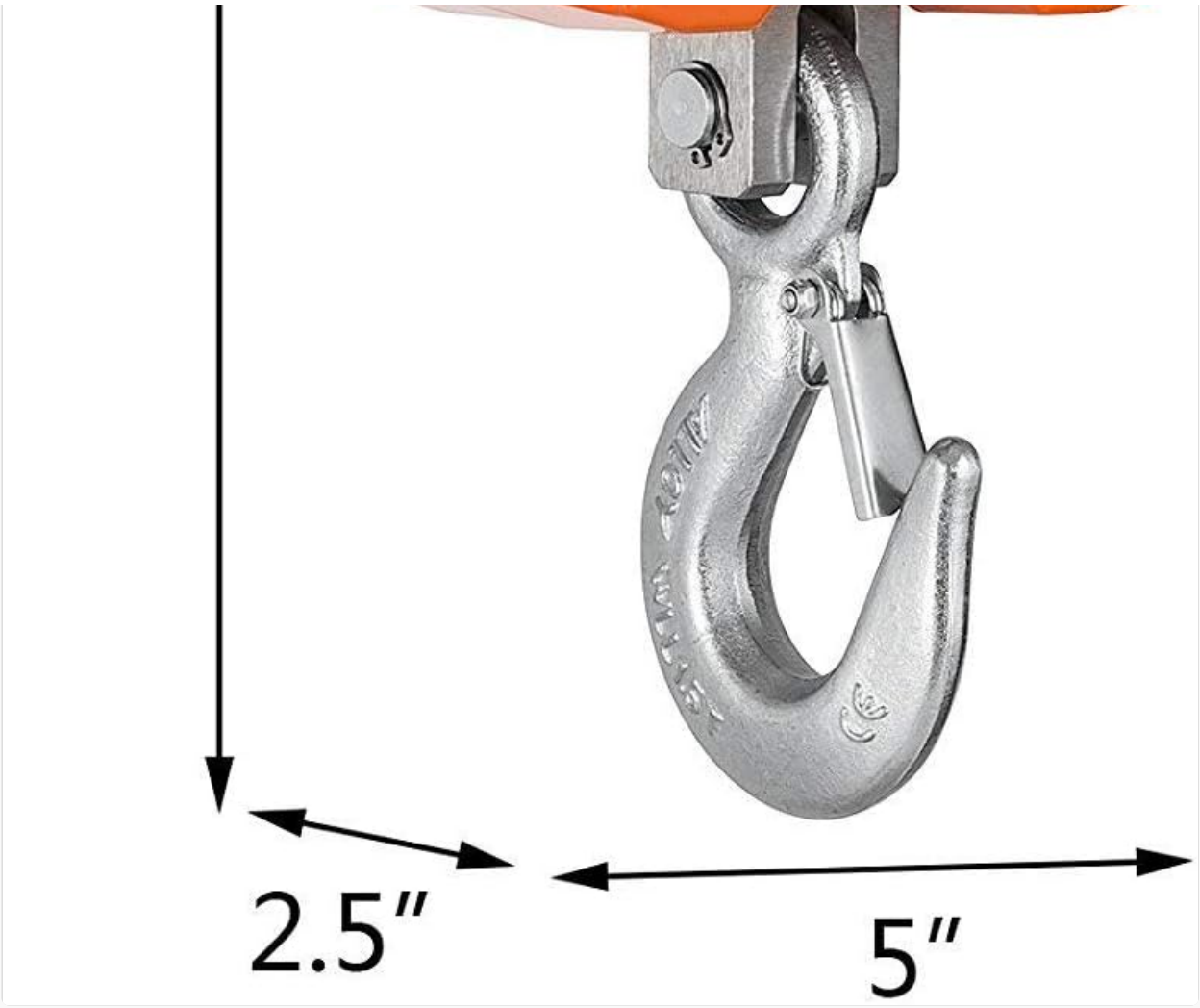


Image: A diagram illustrating the approximate dimensions of the crane scale: 10 inches in height, 5 inches in width, and 2.5 inches in depth.





Image: Two scenes depicting typical applications of a crane scale: one showing a construction site with cranes, and another showing stacks of metal pipes and beams, indicating industrial use.

10. Warranty and Support

For warranty information or technical support, please refer to the contact details provided by your retailer or the manufacturer's official website. Keep your purchase receipt as proof of purchase.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question