



[Manuals.plus](#) /

› [KUIDAMOS](#) /

› KUIDAMOS P1 OCS-P1 Digital Hanging Crane Scale User Manual

KUIDAMOS OCS-P1

KUIDAMOS P1 OCS-P1 Digital Hanging Crane Scale User Manual

Model: OCS-P1

1. INTRODUCTION

Thank you for choosing the KUIDAMOS P1 OCS-P1 Digital Hanging Crane Scale. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new weighing tool. This scale is designed for precise measurement in various industrial settings, including warehousing, textile, and metallurgy, with a maximum capacity of 1000KG (2000LB).



Image 1.1: Front view of the KUIDAMOS P1 OCS-P1 Digital Hanging Crane Scale, displaying '500.0' on its digital screen, indicating its weighing capability.

2. SAFETY INFORMATION

- Always ensure the scale is securely attached before loading any weight.
- Do not exceed the maximum weighing capacity of 1000KG (2000LB).
- Avoid dropping or subjecting the scale to severe impacts, as this may damage the internal sensor.
- Keep the scale away from strong electromagnetic fields, which can affect accuracy.
- Do not attempt to disassemble or repair the scale yourself. Contact qualified personnel for service.
- Ensure proper battery installation and disposal according to local regulations.

3. PRODUCT COMPONENTS

The KUIDAMOS P1 OCS-P1 Digital Hanging Crane Scale package includes the following items:

- 1 x Digital Hanging Crane Scale (Main Unit)
- 1 x Remote Control

3.1 Scale Features

- **Digital Display:** Clear LCD screen for weight readings.
- **Strong Steel Hook:** Durable hook for secure attachment of loads.
- **Aluminium Alloy Casing:** Robust and lightweight housing.
- **Sensitive Sensor:** Ensures accurate and reliable measurements.
- **Control Buttons:** Power, HOLD/UNIT, TARE/ZERO.

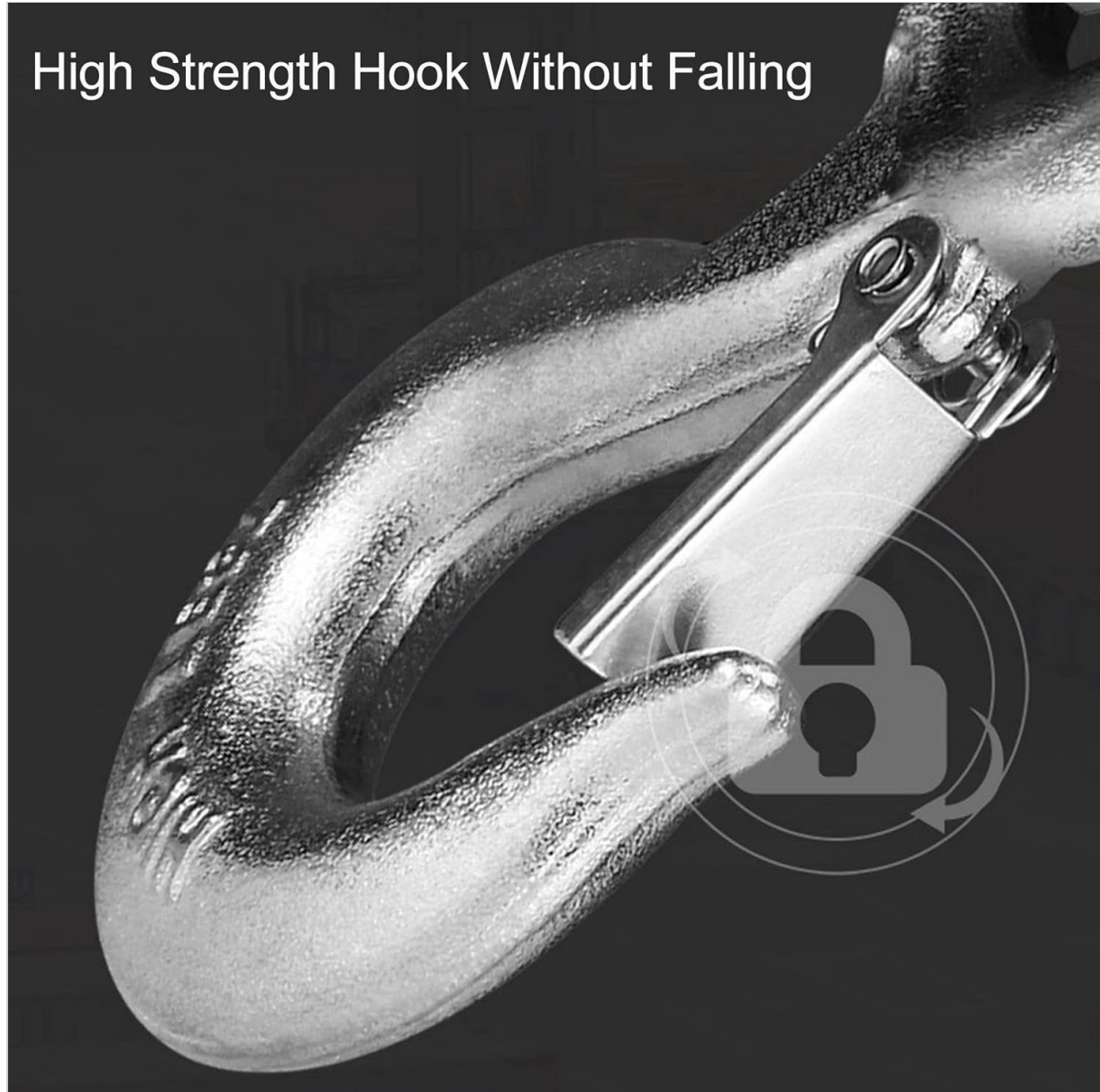


Image 3.1: Detailed view of the high-strength steel hook, designed for secure load handling.

3.2 Remote Control

The remote control allows for convenient operation of the scale from a distance of approximately 30 to 50 meters (98.43 to 164.04 feet).

4. SPECIFICATIONS

Feature	Description
Model	OCS-P1

Feature	Description
Color	Orange
Material	Aluminium Alloy, Stainless Steel
Weighing Range	1000KG (2000LB)
Minimum Capacity	500g
Scale Power Supply	2 x AA 1.5V batteries (not included)
Remote Control Battery	1 x 23A 12V battery (built-in, 50mAh capacity)
Scale Battery Usage Time	≥ 65 Hours
Remote Control Range	Approx. 30 ~ 50m / 98.43 ~ 164.04ft
Applications	Warehousing, Textile, Metallurgy, etc.

5. SETUP

5.1 Battery Installation (Scale)

1. Locate the battery compartment on the back of the scale.
2. Open the battery cover.
3. Insert 2 x AA 1.5V batteries, ensuring correct polarity (+/-).
4. Close the battery cover securely.

5.2 Remote Control Battery

The remote control comes with a built-in 23A 12V battery. No user installation is required for this component.

5.3 Attaching the Scale

Securely attach the top shackle of the crane scale to a suitable, load-bearing lifting mechanism. Ensure the lower hook is free to receive the item to be weighed.



Image 5.1: The crane scale accurately weighing a 500KG load, demonstrating its application.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **Power On:** Press the **POWER** button on the scale or remote control. The display will light up.
- **Power Off:** Press and hold the **POWER** button for a few seconds until the display turns off.

6.2 Weighing Procedure

1. Ensure the scale is powered on and shows '0.0' or '0.00'. If not, press **TARE/ZERO**.
2. Carefully attach the item to be weighed to the lower hook.
3. Wait for the reading on the digital display to stabilize. This is the weight of the item.

6.3 Unit Conversion

To switch between kilograms (KG) and pounds (LB):

- Press the **HOLD/UNIT** button briefly. The unit displayed will change.

6.4 Tare/Zero Function

The Tare function allows you to subtract the weight of a container or previous load:

- With an empty container or previous load on the hook, press the **TARE/ZERO** button. The display will reset to '0.0'.
- Now, add the item you wish to weigh into the container; only the net weight of the item will be displayed.

6.5 Hold Function

To hold the current weight reading on the display:

- While an item is being weighed, press and hold the **HOLD/UNIT** button until 'HOLD' appears on the display. The reading will be locked.
- Press **HOLD/UNIT** again to release the hold function.

6.6 Remote Control Operation

The remote control mirrors the functions of the buttons on the scale:

- Use the corresponding buttons on the remote for Power On/Off, Unit Conversion, Tare/Zero, and Hold functions.
- Ensure you are within the effective range of 30-50 meters for reliable operation.

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 Storage

- Store the scale in a dry, cool place, away from direct sunlight and extreme temperatures.
- If storing for an extended period, remove the AA batteries from the scale to prevent leakage.

7.3 Battery Replacement (Scale)

When the display indicates low battery, replace the 2 x AA 1.5V batteries following the installation steps in Section 5.1.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Scale does not power on.	Dead or incorrectly installed batteries.	Replace AA batteries, ensuring correct polarity.
Inaccurate readings.	Scale not zeroed, unstable environment, or overloaded.	Press TARE/ZERO. Ensure stable conditions. Do not exceed capacity.

Problem	Possible Cause	Solution
Remote control not working.	Out of range, or remote battery depleted.	Move closer to the scale. The remote control battery is built-in and has a long lifespan; if issues persist, contact support.
Display shows 'O-L' or 'ERR'.	Overload.	Remove the load immediately. Do not exceed 1000KG.

9. WARRANTY AND SUPPORT

KUIDAMOS products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the contact information provided at the point of purchase or visit the official KUIDAMOS website. Please retain your proof of purchase for warranty claims.