



OPERATING INSTRUCTIONS

Hanging scale

KW-3T



Please read this manual before using the product and follow the instructions it contains!

GENERAL

Foreword	3
Safety instructions	3
Technical data	3
Overview of the main components	4
Operating instructions	4

MAINTENANCE

Maintenance	6
Troubleshooting	6
Service & contact	6
EU Declaration of Conformity	7

FOREWORD

Congratulations on the purchase of your new crane scale. The KW-3T has been manufactured from high quality materials, specially designed for durable and reliable use. For your own safety and for the correct operation of the crane scale, be sure to read and follow these operating instructions before using it. Keep these operating instructions. Check the KW-3T for transport damage. Damaged crane scales must not be put into use.

This hanging scale is used to measure the weight of objects up to 6614 lbs. Improper handling may result in injury or damage to the device. SolidHub is not liable for any damage resulting from the improper use of the crane scale or the disregard of specifications and rules of conduct of this operating manual. The operator / user must ensure the correct use of the KW-3T by trained and authorized personnel.

SAFETY INSTRUCTIONS

- Read these operating instructions carefully and follow the safety instructions described.
- Only allow instructed and trained personnel to use the crane scale.
- Close the load hook before lifting the load. Make sure that the load is securely hooked in.
- Do not use the crane scale to weigh or transport persons, animals or hazardous materials.
- Do not exceed the specified load capacity.
- Wear appropriate protective clothing, such as helmet, gloves and safety shoes, when using the crane scale.
- Do not transport loads while persons are in the danger zone.
- Loads should not be left unattended when lifted.
- Lift loads slowly and with care.
- Lift the load as vertically as possible to avoid unintended swinging.
- The center of gravity of the load should always be below the load hook.
- Balance the load correctly.
- Oscillation should be avoided. Only place the load in a stable condition.
- Lower the load slowly after weight measurement to avoid damage to the load hook and the sample, as well as operational accidents.
- Avoid impacts against the load scale. The integrated electricics may be damaged under certain circumstances.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

TECHNICAL DATA

GENERAL

Type	Unit	Value
Dimensions	"	7.68 x 10.24 x 17.91
Weight	lbs	25.35
Housing	"	7.68 x 10.24 x 5.31
Shackle Notch	"	3.74
Hook Notch	"	1.57
Material Housing		Aluminium
Material Hook		Steel Alloy

MEASURING DEVICE

Type	Unit	Value
Max. Measuring Range	lbs	6613.86
Maximum Load	lbs	8267.33
Breaking Load	%	200
Zero Range	%	4
Display		Green LED Light
Tare Function		Up to 100 %
Working Range Room Temperature	°F	-4 – 122

BATTERY

Type	Unit	Value
Runtime	h	50
Battery Type		Li-Ion
Current Voltage	V	6
Battery Capacity	Ah	4.5

CHARGER

Type	Unit	Value
Current Voltage	V	9
Electric Current	mA	1000

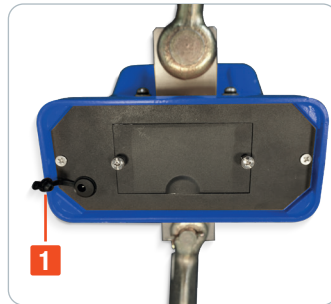
REMOTE CONTROL

Type	Unit	Value
Type		Infrared
Range	"	590.55
Batteries		2 x AAA

OVERVIEW OF THE MAIN COMPONENTS

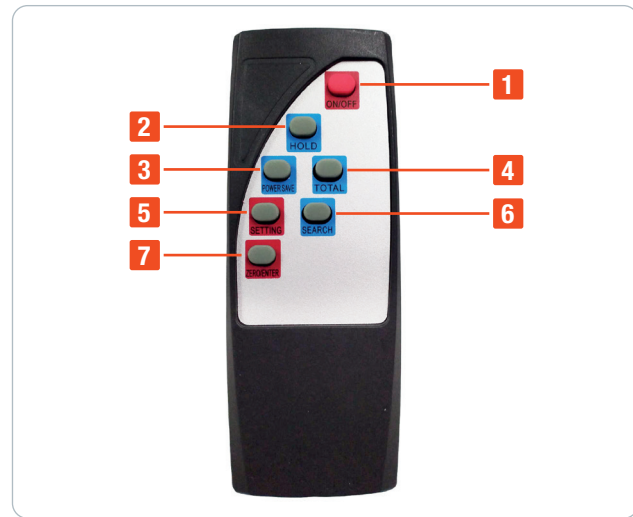
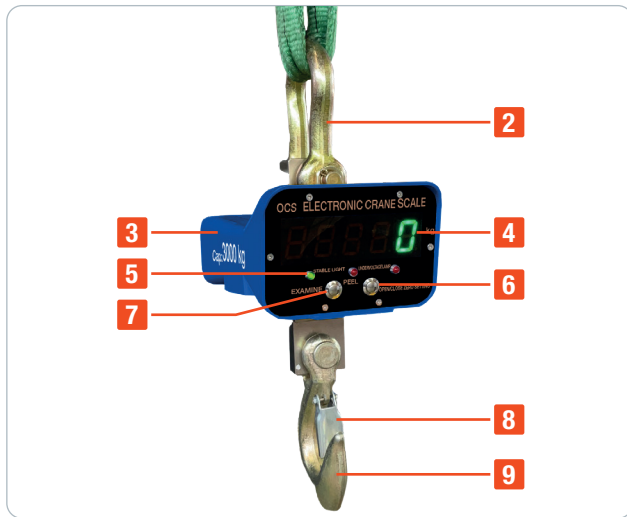
HANGING SCALE

No.	Designation
1	Charging Socket
2	Shackle
3	Housing
4	Display
5	Control Lamp
6	Power Button
7	Memory Function
8	Safety Bar
9	Load Hook



REMOTE CONTROL

No.	Designation
1	ON / OFF
2	Hold Function
3	Energy Saving Mode
4	Total Function
5	Set
6	Search Function
7	Tare Function



OPERATING INSTRUCTIONS

BEFORE WEIGHING

- Charge the crane scale before each use.
- Check that all screws and connections are tight. Tighten them if necessary.
- Check that the shackles and load hooks are firmly attached.

HANGING AN OBJECT

- Place the object to be weighed on a level surface.
- Hang the crane scale on a forklift, crane or other lifting device.
- Raise the lifting device so that you can easily attach the slings or shackles to the load hook of the scale.
- Pay attention to the center of gravity of the object to be weighed.
- The safety bar must snap shut before lifting so that the connection cannot be loosened.
- Use the tare function if the connection components (e.g. slings) are already measured.
- Switch on the crane scale before applying tension to the hook.
- Slowly drive up the lifting device. Make sure that the load does not vibrate.
- As soon as the load has been lifted completely and the left lamp lights up, the weight can be read on the display.

SWITCH ON

- Press and hold the ON / OFF switch to turn the device on.
- The device runs through a self-check.
- As soon as the digit 0 is displayed, the KW-3T is ready for use.

CHANGING THE WEIGHT UNIT

1. Press SETTING.
2. Press HOLD repeatedly until 50 000 is displayed.
3. Press ENTER. You will now see SET on the display.
4. Press ENTER repeatedly until Lb 0 or Lb 1 is displayed.
5. Press HOLD to change the weight unit. Lb 0 stands for kg and Lb 1 for pounds.
6. Press ENTER until SET is displayed.
7. Press ON / OFF to confirm.

HOLD FUNCTION

- Press HOLD.
- The currently displayed weight is saved.
- You can remove the item from the scale and the weight will still be displayed.
- Press the Hold button again to reset the weight.

TARE FUNCTION

- Press ZERO to use the tare function.
- The unit will set zero even with a weight attached.
- If the weight is removed, the crane scale, with the same amount goes to the negative range.

ENERGY SAVING MODE

- Press POWER SAVE to activate the energy-saving mode.
- This dims the light of the display.
- Press the button again to reactivate the normal mode.

ACCUMULATION FUNCTION

- Press the Total button to add the displayed weight to the total. This function can only be performed when the weight is stable and the left lamp is lit.
- Press SEARCH to display the number of accumulations.
- Press SEARCH again to see the first 3 digits of the total.
- Press SEARCH again to see the last 3 digits of the total.
- To clear the memory, first press SEARCH and then press SETTING. All saved weights should be deleted.

**Example:**

Weighed 20 times, accumulating a total weight of 717826 lbs.

The scale shows press n = 20 the first time, H 717 the second time and L 826 the third time.

SELF-SHUTDOWN

- If the display dims by itself, it means that the device is working with a lower battery voltage.
- The crane scale will switch off in the next 10 minutes.
- Briefly press the ON / OFF switch on the remote control to display the battery power.

MAINTENANCE

- Check the connections before each use. Shackles and load hooks in particular are safety-relevant components of the device.
- Perform a calibration with a comparative balance. This will increase the accuracy of the measurement.
- Check regularly if the additional functions are working as they should.
- Check the functionality of the remote control.



Charge the crane scale at least once every 3 months. Store the device in a dry place.

TROUBLESHOOTING

Error indication / problem	Error description / cause	Solution
ERR01	Accumulation error: The device does not meet the accumulation conditions	Hold the device in a steady position before weighing
Error in calibration	The weight for calibration is too low	Start the unit in hanging position
OVER	Overload of the crane scale	Hang less weight on the load hook. Caution: There is a risk of breakage if the weight is too heavy
No display after switching on	The battery is empty The battery is damaged	Charge the battery Replace the battery
The battery is not charging	The charger is damaged (output should be at 7.6 - 8 V and 1 A) The battery is damaged	Replace the charger Replace the battery

SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: www.topregal.us/en-us/service

Responsible for the content:
 TOPREGAL US Corp.
 729 North Route 83, Suite 309
 Bensenville, IL 60106
 United States of America
www.topregal.us

EU Declaration of Conformity

The manufacturer

**TOPREGAL US Corp.
729 North Route 83
Suite 309
60106 Bensenville, IL
USA**

hereby declares that the following product

Product designation:

Hanging scale

Type:

KW-3T

Serial number:

KW-3T-1000000000-KW-3T-9999999999

complies with all relevant provisions of the applicable legal regulations (hereinafter) - including their amendments in force at the time of the declaration. The sole responsibility for issuing this declaration of conformity lies with the manufacturer. This declaration refers only to the machine in the condition in which it was placed on the market; parts and / or interventions subsequently fitted by the end user are not taken into account.

Conforms to the provisions of the following European directives:

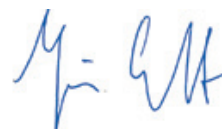
2006/42/EC Machinery Directive

Conforms to the provisions of the following standards:

**EN ISO 12100
EN 14492-1 + A1/AC**

Name and address of the person who is authorized, compile the technical documentation:

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USA



Place: Bensville
Date: 04-12-2021

Juergen Effner
Chief Executive Officer

SolidHub