KILOTECH

KWD 15K
KWD 30K
Owner's Manual

KWD 15K KWD 30K OPERATION MANUAL E MAN08152022

Ce manuel est disponible en français à http://www.kilotech.com

K851240 KWD 15K 15kgx1g/30lbx0.002lb/480ozx0.05oz
GTIN 888960512401
K851241 KWD 30K 30kgx2g/60lbx0.005lb/960ozx0.1oz
GTIN 888960512418

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Introduction

■ **Thank you**

Thank you for choosing a Kilotech Scale. We appreciate your business and hope that you will enjoy using your scale. Should you require support, please contact your local dealer where you purchased.

■ **Safety Precautions**

Please follow these safety precautions:
• Verify AC Adapter input voltage matches the local AC power supply.
• Do not insert liquids or foreign objects.
• Do not operate the scale in hostile environments.
• Do not drop loads or leave a permanent load on the platform. This may damage the measuring system.
• Do not place the scale upside down on the pan.
• Do not open the scale. Never attempt to make repairs yourself because this could be dangerous. The warranty is void if this stipulation is ignored. The scale may only be opened by authorized personnel.
• Always disconnect the device from the power supply before installing, servicing, cleaning or performing maintenance.
• Check the power cable regularly for damage. If it is damaged, immediately disconnect the device from the power supply.

■ **Package Contents**
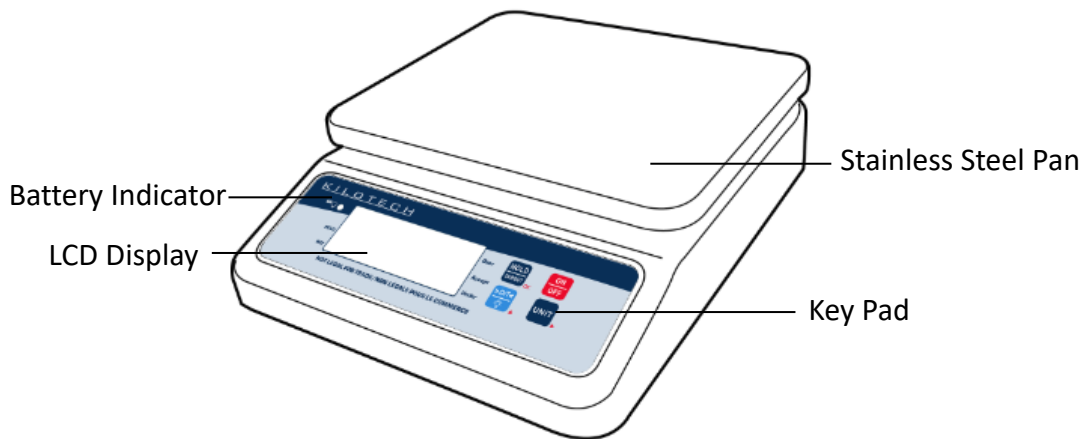
• Scale
• AC Power Adaptor
• User's Manual

Scale

AC Power Adaptor

User's Manual

■ Parts Description

Battery Indicator
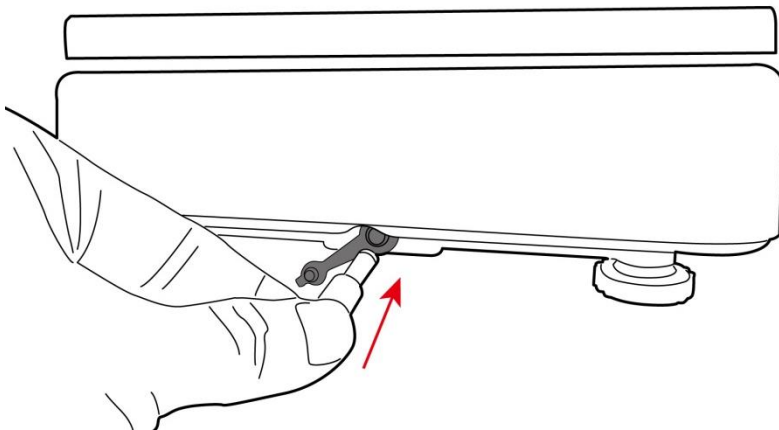
LCD Display

Stainless Steel Pan

Key Pad

■ Selecting a Location

Select a firm, vibration-free and horizontal location for the scale. Avoid locations with direct sunlight, excessive air currents, heat sources, or rapid temperature fluctuations.

■ Power

Connect the AC Adaptor to the AC mains supply. Connect the plug to the AC jack at the bottom of the scale as shown in the illustration below. The power outlet should be close to the scale and easily accessible.

■ Battery Power

The scale will automatically switch to battery operation if there is a power failure or the power cord is removed to provide uninterrupted scale operation.

Note: When low $\boxed{\text{LobAt}}$ battery is displayed, the scale will shut off after 30 seconds.

⚠ CAUTION:

Risk of explosion can occur if replaced with the wrong type or connected improperly.

Do not disassemble, repair or otherwise manipulate the battery socket.

Obey the local laws and regulations when disposing of the battery.

Product Specification

- **Specifications**

MODEL	KWD 15K	KWD 30K
Capacity	15kg x 0.001kg 30lb x 0.002lb 480oz x 0.05oz	30kg x 0.002kg 60lb x 0.005lb 960oz x 0.1oz
Graduation	1 g	2 g
Weighing Units	kg/lb/oz	
Power Requirements	100 V - 240 V DC 15V / 0.3A AC adapter 4-AA batteries	
Display	1.4 in LCD with Red and Green backlight 5-digit 7-Segment, Character height 25 mm/ 1 in	
Key Function	4 Keys On / Off, Unit, Target / Hold, Tare / Backlight	
Operating Temperature	0°C to 40° C	
Application Mode	Weighing, Check-weighing	
Construction	304 Stainless Steel housing and platform with ABS plastic bottom	
Platform Size	245 x 195 mm	
Assembled Dimensions	285 x 255 x 90 mm	
Weight	3.7 kg	

- **Warranty**

Kilotech scales are warranted against defects in material and workmanship for a period of one (1) year for the scale and 3 months for the adapter, from the date of purchase.
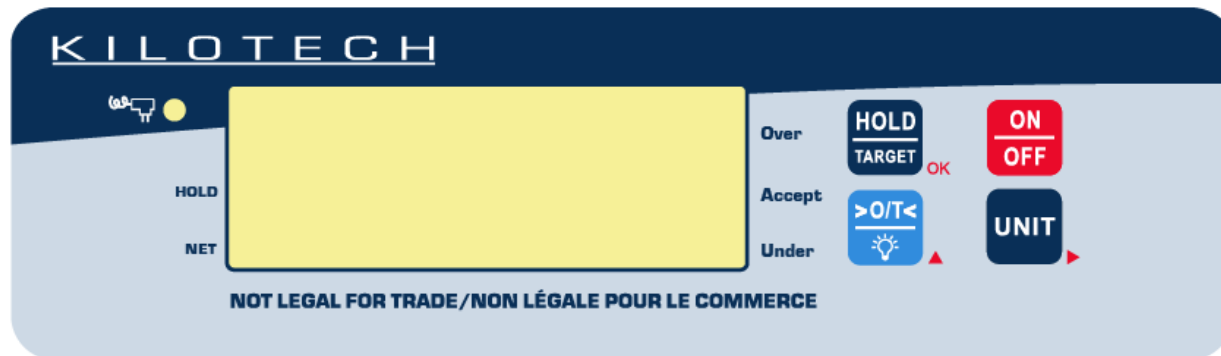Please retain your receipt as proof of purchase. Warranty expiration on products returned without proof of purchase will be determined from the manufacturing date code or the date of shipment to the authorized dealer. Coverage may be invalidated as this date is previous to purchase date. No other express or implied warranty is given by Kilotech.

Freight damage on returns is not covered under warranty.

This warranty does not apply for the following reasons: the product has been damaged by accident or misuse, parts and products of a consumable nature, exposed to radioactive or corrosive materials, has foreign material penetrating to the inside of the product, or as a result of service or modification by other than Kilotech.

OPERATION

■ Keypad and Display Description

■ Status Indicators

ICON	Description
O	Stability display
⬟	Negative sign
→0←	Zero setting activated
NET	Display net weight
Hold	Display hold function
🔋	Condition of battery
⚡	Power supply connected Steady green light represents the battery is fully charged.
gram	Currently chosen weight unit

■ LED Indications

LED status	Description
Eternal on	Power adapter connected
No LED	Power adapter not connected

■ Keypad Description

KEY	DESCRIPTION	FUNCTION
ON OFF	ON/OFF Switch	Turn on and off display
UNIT ▶	Unit Switch / ▶	Change the weighing units to alternate units of measurement
HOLD TARGET OK	Hold / Target / OK	Call up hold function Setting target weight in check-weighing mode
>O/T< 🔆 ▲	Tare / Backlight / ▲	Taring Display backlight

Turning Scale On/Off

To turn the scale on, press the **[ON/OFF]** button. Scale will display 88888 and then enters the active weighing mode.

To turn the scale off, press the **[ON/OFF]** button.

Zero Operation & Setting

When powering on the scale and if the weight on the scale is within the initial zero tolerance, the scale will display zero automatically.

If there is nothing on the pan and the display is not zero, press **[TARE]** button to zero the scale.

Changing Units of Measure

In weighing mode, use **[UNIT]** to display the next available measuring unit. Repeat process to scroll through all units.
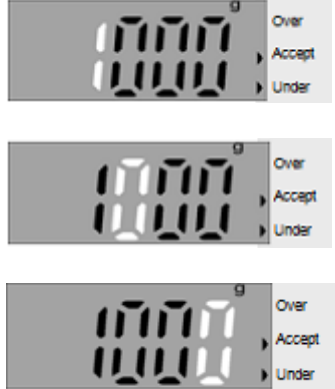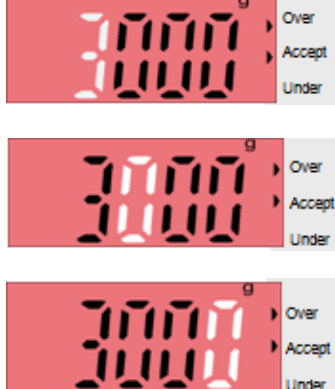
■ Check-weighing Mode

This mode sets low and high weight limits for portion control processes.

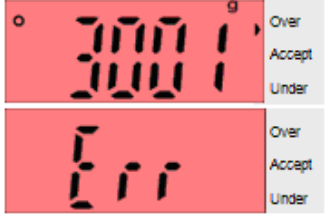| **Enter check-weighing mode**		
Press and hold [**HOLD/TARGET**] button to enter check-weighing mode.		
Setting target weight values		
LOWER LIMIT SETTING	The first digit is displayed as flashing. An annunciator appears next to the **Under** and the LCD backlight is off. Repeatedly press **[TARE▲]** until the desired number appears. Press **[UNIT▶]** to accept and move to the next digit. Repeat until all the digits are correct. Press **[HOLD/TARGET/OK]** to confirm the setting of lower limit and then enter to high limit setting.	
HIGH LIMIT SETTING	The first digit is displayed as flashing. An annunciator appears next to the **Over** and the LCD will light up in red. Repeatedly press **[TARE▲]** until the desired number appears. Press **[UNIT▶]** to accept and move to the next digit. Repeat until all the digits are correct. Press **[HOLD/TARGET/OK]** to confirm setting.	
Ready for Checkweighing		
If required, place an empty container on the pan and press [TARE].		
Return to Weighing mode		
Press and hold [HOLD/TARGET] button to return weighing mode.		

■ Checkweighing Annunciators

The OVER, ACCEPT, and UNDER annunciators are to the right of the display as described below:

WITHIN TARGET RANGE	The LCD lights up in green; an annunciator appears next to "Accept"; and the scale beeps 2 short beeps.	
UNDER TARGET RANGE	The LCD backlight turns off; an annunciator appears next to "Under"; and the scale does not beep.	
OVER TARGET RANGE	The LCD lights up in red; an annunciator appears next to "Over"; and the scale beeps continuously. If the display shows Err, this means weight exceeds overload limit.	

■ SETTINGS

Backlight Setting

Press **[TARE]** and hold for 2 seconds to turn ON the backlight manually.
Press **[TARE]** and hold for 2 seconds to turn OFF the backlight manually.

Tare Setting

Place an empty container on the scale and press **[TARE]**. The display will show a net value of "0" and an annunciator appears under **"NET"**.
To clear the Tare value, press **[TARE]** with the pan empty.

Auto off Setting

Press and hold **[UNIT]** for 6 seconds until the display shows SEt .   When display shows A_OFF, press **[UNIT]** to select auto turn off time or to disable this function. Press **[ZERO]** and press **[UNIT]** to see End to confirm setting.

MAINTENANCE

■ Cleaning

Before cleaning, disconnect the power plug from the power outlet and remove the batteries from the scale to completely power off the unit.

• Clean with a damp cloth and a mild soap (or similar agents if necessary) and wipe dry.

• Do not use any acids, alkalis, or strong active solvents to clean the housing or control panels.

■ Troubleshooting

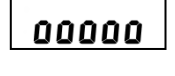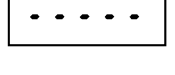| SYMPTOM	POSSIBLE CAUSE	REMEDY
Scale will not turn on	Battery discharged	Check the battery or adapter
	Power cord not plugged in properly	Check power cord connection and if plugged in properly into the power outlet.
	Other failure	Have the scale serviced by a KILOTECH authorized service center.
Poor accuracy	Unstable environment	Move the scale to suitable location, refer to the manual "Selecting a Location".
	Improper calibration	Perform calibration.

■ Service Information

If the troubleshooting section above does not resolve or describe your issue, contact your authorized KILOTECH service agent for further assistance.

ERROR AND STATUS MESSAGE

■ **Error Message**

ERROR MESSAGE	DESCRIPTION	REMEDY
LobAt	Low battery indicator	Connect the power and recharge the battery.
ErrH	Counting value is higher than the high limit value	The scale has detected a failure with the load cell or wiring. Have the scale serviced by KILOTECH authorized service center.
ErrL	Counting value is lower higher than the low limit value	The scale has detected a problem with the load cell or wiring. Have the scale serviced by KILOTECH authorized service center.
00000	Zero value is too high when power on	Empty load plate before powering up. Recalibrate the scale.
00000	Zero value is too low when power on	Check if scale is placed correctly. Recalibrate the scale.
- - - - -	Zero value is too low	Increase the load. If this problem remains unresolved, contact KILOTECH authorized service center.