K I L O T E C H

KPC 2000

851167 KPC 2000- 03A

851168 KPC 2000-06A

851169 KPC 2000-15A

KWS-152 (OBSOLETE)

MAN12202017

Quick Start Manual

Contents subject to change without notice

www.kilotech.com

Introduction

Thank you for choosing a Kilotech Scale. We appreciate your business and hope that you will enjoy using your scale. Should you require Technical Support, please contact your local dealer from whom you have purchased.

General Precautions

Avoid lengthy exposure to heat or cold	Allow the scale to acclimate to normal room temperature before use
Allow sufficient warm up time	Turn the scale on and wait for a few minutes to allow the internal components a chance to stabilize before weighing
Do not leave a load or weight on a scale for a prolonged period of time.	Might damage load cell
Do not tamper with the scale yourself	This will void the warranty. Contact your local distributor or Kilotech directly to properly repair your scale
Do not overload beyond the maximum weight limit	
Do not pull the plug by its cord when unplugging	
Do not use the scale near fire or corrosive gas	
Unless the scale is waterproof do not spill water or immerse in water	
Avoid placing the scale near a heater	It could cause a fluctuation to the indicator reading
Always make sure to use a Kilotech approved adapter	
Do not drop the scale or apply a sudden shock	
Do not drag the scale	
Avoid exposing to other electromagnetic devices	These devices emit RF and can cause unstable readings. If your scale should perform poorly, try moving the scale to a different room or location
Level the scale or make sure it is on an even surface	A scale used on an uneven surface may provide an unstable reading
Scale should be used within stated temperature & humidity limits	

Specifications

Product Number	851167 KPC 2000- 03A 851168 KPC 2000-06A 851169 KPC 2000-15A
Capacity & Graduation	KPC 2000 03 = 3KG x 0.5 g / 6 lb. x 0.001 lb. Minimum capacity 10g 06 = 6KG X 1 g / 12 lb x 0.002 lb Minimum capacity 20g 15 = 15KG x 2 g / 30 lb x 0.005lb Minimum capacity 40g KWS 152 15KG x 2g / 30 lb x 0.005lb Minimum capacity 40g
Weighing Modes	Lb, kg, g, lb oz, oz
Display	Seven red 0.56" seven-segment LED display with eight LED diodes: ZERO, NET, AC, CHG, LB, KG, G, OZ
Power	Rechargeable battery or 110 AC CUL US approved adapter. Approx. 12 hours of battery life.
Product Dimensions	10" x 11.75" x 4.25"
Platter Size	9.5" x 8.5"
Operating Temperature / Humidity	10 -35° C

ZERO/ON/OFF:

- When the scale is off, press the ZERO /ON/OFF key to turn the scale ON. The scale will enter self-examination. The working voltage "x.x Udc" will be displayed. The full capacity will be displayed as "F3.000kg", "F6.000kg" or "F15.000kg".
- When the scale is on, press the ZERO /ON/OFF key for less than 5 seconds. The ZERO key function will activate.
- The Zero key can only be activated within 5% of the scale's capacity.
- The scale should be stable and the platter empty.
- Press the ZERO /ON/OFF key for more than 5 seconds to activate the ON/OFF function

TARE /UNIT:

- Press this button for less than 5 seconds, the TARE key function will activate. Press this button for more than 5 seconds, UNIT key function will activate:
- TARE: TARE range for this scale is up to 102%FS. This function should be operated when the scale is in stable mode. When the TARE function is active, the "NET" LED will be on. [Note: (Gross weight = Net weight + Tare weight ≤102% FS)
- UNIT: To change the weight unit, hold the TARE/UNIT button for more than 5 seconds or until your desired weight unit appears.

CALIBRATION:

- See Calibration video or Calibration Manual

AUTO-OFF FUNCTION:

- When the scale is on, simultaneously press and hold down the TARE and ZERO buttons for more than 5 seconds till the "A.oFF.x" is displayed. X = 0,1...9:
- The AUTO-OFF FUNCTION is used to save battery power.
- You can set the amount of time from 0-9 minutes. If you set to 2 minutes, the scale will shut off after 2 minutes in idle mode.
- When X = 0, the auto-power off function is disabled.
- Press the TARE button to choose the auto-off time and press ZERO button to confirm and save the setting.

LOW BATTERY SIGNAL:

The scale may be powered by the rechargeable battery or 110 AC CUL US approved adapter. When "Lo.bAt" is displayed alternatively, this indicates that the battery is low and will require a charging. The voltage of internal working is below 5.7V(+0.1V)

DISPLAY SYMBOL DEFINITIONS:

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0   : Power-on zero-point is over (calibration zero-point) +20%FS) when scale is
     turned on, or the reading weight is over (power-on zero-point) +5%FS when pressing ZERO button;

0

     : Power-on zero-point is below (calibration zero-point) -20%FS) when scale is turned on, or the reading
     weight is + (power-on zero-point) -5%FS when pressing ZERO button;
     : the current weight is less than –25% FS;
     : the current weight is over 102% FS;

A.ch.E r: analog channel error;

EEP. Er: EEPROM accessing error or data in EEPROM is error or not in their normal range;

x.x Udc: The voltage of internal working is x.xV(+0.1V)