K I L O T E C H

KPC 1500SS

851295

MAN02022018

Operations and Calibration 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	851295
Capacity & Graduation	5 kg x 0.0005 kg / 5000 g x 0.5 g / 11 lb x 0.001 lb / 176 oz x 0.02 oz / 11 lb x 16.02 oz
Weighing Modes	kg / g / lb / oz and lb-oz
Display	Large Digital Display (1.25"/25 mm)
Auto Power Off	When powered by dry cell batteries, scale shuts off after 180 seconds of idle time
Power	AC adapter (incl.) or 6 –1.2V rechargeable batteries
Product Dimensions	10.1" x 8.1" x 2.7"
Platter Size	6.5" x 7" stainless steel
Operating Temperature / Humidity	0°C to 40°C or 32°F to 104°F (< 80% RH)

ON
OFF **ON/OFF:**

- Press this key to turn ON or OFF.

ZERO **ZERO (TARE):**

- Press this key to return scale to zero or to tare the weight on the platter (subtract the weight of the empty container for example).

UNIT **UNIT:**

- Press this key to toggle between weighing modes available.

PCS **PCS:**

- Press this key to access the counting function.

1. COUNTING FUNCTION

1. Turn the scale on.
2. Press and hold PCS key to access the counting mode.
3. The display will show either 10, 20, 50, or 100. (Press the UNIT key to toggle.)
4. Place the accurate number of samples on the platter. Either 10, 20, 50, or I00 pieces. (The higher the number of samples, the more accurate the counting will be.)
5. Press PCS to confirm choice of samples.
6. You are now ready to start counting.

2. TARE FUNCTION

1. Put an empty container on the platter.
2. Press ZERO. The display will show "O".
3. Put items to be weighed in the container. Only the weight of the items will be displayed.
4. To cancel the TARE function, empty the platter and press TARE. The scale will return to ··o··_
5. NOTE: TARE works by subtraction from full capacity.

3. CALIBRATION (refer to online video)

1. You need a 5 kg test weight to perform this calibration.
2. Make sure the scale is OFF.
3. Press and hold down the ZERO key and then simultaneously press ON/OFF button until CAL appears.
4. A/D values will be displayed.
5. Wait for the stable indicator to be displayed on the left side of the screen.
6. Press UNIT. The display will show a flashing 5.0000.
7. Place the 5 kg calibration weight on the scale's platter.
8. Wait for the stable indicator to be displayed on the left side of the display screen.
9. Press the UNIT key.
10. The display will show several dashes (- - - - -) and then the A/D value.
11. Remove the weight.
12. Turn the scale off by pressing the ON/OFF key. The calibration is now complete.
13. To test for accuracy, turn scale on and the countdown will commence.
14. Place the scale in kg mode.
15. Place a 5 kg weight on the platter and verify accuracy.
16. Troubleshooting (if calibration is ineffective):
    a. Try a more stable surface
    b. Move to an interference free location
    c. Replace batteries
17. If you are encountering problems calibrating your scale, please contact your dealer for further assistance.

4. FUNCTION SETTING

1. Turn the scale off.
2. Hold PCS key and press ON/OFF key.
3. Scale display will show A_ON or A_OFF.

Auto shut off mode
- A_ON means that auto shut off mode is on and A_OFF means that auto shut off mode is off.
- Press ZERO key to toggle between A_ON and A_OFF.

Auto backlight mode
- When in Function setting, press the PCS key in order to access AUTO BACKLIGHT MODE.
- Display will show L_ON or L_OFF.
- Press ZERO key to toggle between L_ON and L_OFF.

Return to weighing mode
Press ON/OFF key to turn the scale off and then press ON/OFF key again to turn the scale on. The scale will maintain the changes made while in function settings mode.