

Operating Manual



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PROTEKRC

Thank you for purchasing this digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service.

Never load the scale with more than the maximum weight capacity. Overloading will permanently damage it!

Avoiding any exposure to extreme heat or cold, your scale works better when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale.

Handle with care. Gently apply all items to be weighed onto tray top. Although this scale is designed to be quite durable, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

1 OPERATION

Place the Scale on a horizontal flat surface.

- 1 Press **ON/OFF** to turn on the scale.
- 2 Wait until zero is displayed.
- 3 Put the object(s) on the weighing platform

2 TARE WEIGHING

- 1 Turn on the scale as described above.
- 2 Place the "tare item" on the platform.
- 3 Press **TARE** button and wait until zero is displayed.
- 4 Add the "net-weight-item".

3 COUNTING FUNCTION

To program the counting function follow the steps below:

TIP: To ensure proper counting operation, be sure your items weight is a minimum of 1 gram each and a minimum of 25 pieces are placed on the platform.

- 1 Turn on the scale and wait until the LCD displays zero.
- 2 Place a sample quantity of 25, 50, 100 or 200 pieces of the item you wish to weigh on the platform of the scale.
- 3 Press and HOLD the **PCS** key for 2 seconds; this will program the sample weight into the scale.
- 4 The scale now needs to know your sample quantity for final calculations. Using the **MODE** key, scroll through the "25," "50," "100" or "200" selections until the LCD displays the correct quantity of your sample.
- 5 Press the **PCS** key to confirm. The LCD will now display "pcs" in the corner to show the scale is in counting mode.
- 6 Remove the sample quantity from the platform.
- 7 You now can place any amount of your item(s) on the scale and the LCD will display a count.
- 8 You can now switch between the weighing mode and counting mode by pressing **MODE** or **PCS**.

4 CALIBRATION

- 1 Turn on the scale by pressing the **ON/OFF** key.
- 2 Wait until the LCD displays zero and then press and hold **MODE** key for 3 seconds, the LCD will display "CAL", release the **MODE** key.
- 3 Press the **MODE** key again, the LCD will display "CAL" followed by the required calibration weight.
- 4 Place the required calibration weight onto the platform, the display will show "PASS" and return to normal weighing mode.
- 5 Remove the weight and press **ON/OFF** to turn off the scale. Finished!

5 SPECIFICATIONS

UNITS: kg/g, lb/oz

CALIBRATION: 5000 Gram Weight

TARE RANGE: Tare Full Capacity

AUTO OFF (DEFAULT): 60 Seconds

OPERATION TEMPERATURE: 10-30°C (50-86°F)

DISPLAY: LCD 5 1/2 Digits