

BIOS

Professional

DIGITAL
PORTION CONTROL
SCALE



601SC
INSTRUCTION MANUAL

SCALE·BALANCE·SCALE·BALANCE

Thank you for purchasing the BIOS Professional Digital Portion 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.

Please read all operating instructions carefully before using. Please note the following points:

- Never load the scale with more than the maximum capacity. Overloading can permanently damage it!
- Avoid 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 1 hour before use.
- Give your scale sufficient warm up time. Usually 30 seconds to give the internal components a chance to stabilize before calibration.
- Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance to other electronic equipment can all cause adverse effects 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.
- Only operate the scale on a stable, vibration free surface.

FEAUTRES:

- High-precision straining resistance sensor
- Standard weight auto-calibration
- Auto zero
- Auto off (after 120 seconds of inactivity)
- Full tare capacity
- Bright-blue backlit LCD display
- Low battery and overload indications
- Stainless steel platform
- Transparent cover protects the scale when not in use
- 7 Weighing modes: kg, lbs, g, oz, lb-oz, lb- $\frac{1}{4}$ oz, $\frac{1}{8}$ oz.
- Power supply: 4 x AA rechargeable batteries and power adapter included

OPERATING INSTRUCTIONS:

1. Put the scale on a flat level surface.
2. Connect the scale to adapter or insert batteries, press **ON / OFF** to start.
3. Once the digital screen shows [0] the scale is ready to be used.

DESCRIPTION OF BUTTONS:

PUSH TARE BUTTON:

When the scale is on, if the platter is empty and the scale shows a reading other than zero, press the **PUSH TARE** button for approximately 3 seconds. To TARE is to remove the weight of an item that is on the scale platform.

1. Turn on the scale as described above.
2. If the scale shows a reading other than zero press the **PUSH TARE** button for approximately 3 seconds. [0] will show on the screen.

UNIT BUTTON:

To switch between the different measuring units, when there is a reading on the screen, press the **UNITS** button to select a different measuring mode.

LIGHT BUTTON:

The backlight is controlled by the **LIGHT** button. To turn the backlight on and off press the **LIGHT** button.

CALIBRATION:

The Digital Portion Scale is calibrated at the factory to give you years of reliable and accurate measurements. Calibration requires technical knowledge and standard test weights. Calibration should only be performed by a scale technician.

1. To calibrate the scale start with the scale off and proceed to turn it on by pressing the **ON / OFF** button.
2. When the digital screen displays [0], press and hold the **UNITS** button for 5 seconds, until [CAL] is displayed, release the **UNITS** button.
3. Press the **UNITS** button again, the display will flash a weight. Add the calibration weight on the middle of the platform. The LCD display reads [PASS] and will return to the normal weighing mode.
4. The scale is calibrated and can be turned off by pressing the **ON / OFF** button to turn off the scale.

NOTE: Repeat this process if necessary.

SPECIFICATIONS:

| | |
|-------------|--|
| Capacity | 15 kg / 33 lbs / 529 oz / 15000 g |
| Graduations | 2g |
| Units | kg, lbs, g, oz, lb-oz, lb-1/4oz, 1/4oz |
| Tare | Yes |
| Auto off | Yes after 120 seconds |

| | |
|-----------------------|---|
| Low battery indicator | Yes |
| Over load indicator | Yes |
| Platform size | 7" x 7" |
| Power Source | 4 x "AA" (1.5V) rechargeable batteries or AC/DC 110v - 240v Power Adapter |

TROUBLESHOOTING:

The primary reasons for inaccuracy or malfunction are low batteries, incorrect calibration, overload or operating on an unstable surface. Please keep these in mind and maintain and operate your scale properly. The scale is a precise instrument and must be handled with the upmost care and caution.

| DISPLAY READINGS | REASON FOR DISPLAY |
|-------------------------|---|
| OUT2 | Keep scale clean under platform then calibrate and reboot the scale |
| UNSE | Put scale in more stable position |
| EEEE | Scale is overloaded and will have to be recalibrated |
| LO or NO SIGNAL | Batteries to be recharged |

ONE YEAR WARRANTY:

If this product proves to be defective in material or workmanship within one year of purchase, please return it to the address below. It will be repaired or replaced without charge upon receipt of the unit prepaid. Please include return courier or best return method if unit is not declared defective. Please include your full name, address, daytime phone number or email address.



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