F3-100 Manual

Precautions Before Using The Scale

The scale should always be used in an environment that is free from excessive air currents, corrosives, vibration, and temperature or humidity extremes. These factors will affect accuracy and performance.

Scale Operation Notes

·Do not Overload (exceed the capacity) of the scale including the weight of any trays or bowls combined with objects you may be weighing. Overload or Dropping/shocking the scale will damage the sensor and void your warranty.

·Allow sufficient warm up time. Turn the scale ON and wait several seconds to give the internal components a chance to stabilize before weighing.

·The cleaner the environment the better. Dust, dirt, moisture, vibration, air currents and proximity 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 the tray. Although this scale is designed to be quite durable, avoid rough treatment as this may permanently damage the

internal sensor and void your warranty.
·Avoid lengthy exposure to extreme heat or cold, your scale works best when operated and stored at normal room temperature.
·Place the item to be weighed on the platform, after the stable weight is displayed remove the item immediately. This will prolong the longevity and accuracy of this weighing instrument.

Turn on The Scale

Press ON/OFF to turn on the scale. The scale will go through a quick warm up procedure and self test, and then it will show "0" on the display and be ready for use.

Display Window

 : Current reading is stable.

"_ _ _ _ _": The weight can't be displayed

 : Scale is in Zero mode.

 : Scale is in TARE mode.

 : Battery is at low voltage.

"OVER LOAD": The weight is above the capacity.

KEY PAD FUNCTIONS

- UNIT

  UNIT(mode) selection: Press and release the key

once to change weight unit. You can select g(gram), gn(grain), ozt(troy ounce), oz(ounce), ct(carat), dwt(pennyweight), mg(Milligram),tl.T(tael)

◆ **ON/OFF** : Power Switch

Press this key to turn the scale on. Once it is on, press and hold the same key to turn the scale off.

◆ **Pcs ---PARTS COUNTING MODE**

1) In normal weighing mode, press "Pcs" to prepare to enter the parts counting mode, "Cnt.**" will be displayed.
2) Press the "UNIT" key,"**"will change to 01,02,...,08 or 09 (select the quantity value you wish to use for counting), the sample quantities are "**" by 10.
3) Place the number of items on the tray you selected in step 2 (for example, "**"=01 means 01*10=10 pieces of an item)
4) Press "TARE" to confirm the above setting and begin counting.
5) When "**" and "pcs" are displayed, the scale is in parts counting mode. You can place any quantity of an item on the tray and it will tell you the total number of items. You can also perform the following operation:
   a. Press "Pcs" to exit parts counting mode and go to the normal weighing mode.

b. Press “ON/OFF” to turn off the scale.

- **TARE :** Zero or tare

Press TARE to reset the scale to zero when the weight on the tray is below 5% of the capacity of the scale. This key is also used as a TARE function when the weight on the tray is above 5% capacity. The tare indicator  will appear and the display will show “0”.

- **Light :** Backlight switch

Press this key to turn on the backlight., press again to turn off the backlight.

Battery Operation:

1) Two CR2032 Lithium Cell batteries (3V*2) are required.

2) To install batteries:

a)Release the battery cover by sliding out-wards.

b)Place batteries into the battery compartment aligned correctly.

c)Replace battery cover.

3)The scale is now ready for battery operation.

(Advanced users only) CALIBRATION

IMPORTANT: This scale was professionally factory calibrated before shipment. It usually does NOT

need to be recalibrated before use. However advanced users who seek optimum accuracy may wish to calibrate the scale periodically to maintain perfect accuracy. Incorrect calibration can occur if you do not follow the steps exactly. You will need a 50g weight to calibrate this scale.

1) Turn the scale OFF and place it on a FLAT, very stable surface .
2) Press and hold UNIT and ON/OFF to turn on the scale, wait for the display to show "CALE".
3) Place a 50g weight on the tray, wait 3 seconds then press TARE. Calibration is complete.

NOTE: If after calibration your scale does not read accurately, this indicates calibration error and the calibration process should be repeated more slowly.

Please calibrate on a very stable flat surface!

INACCURACY/ERROR

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

FEATURE

➢ **Power Up Segment Test**

When the scale is first powered on, all segments of the display and indicators will appear “88888”.

➢ **Overload**

When an applied load exceeds the maximum capacity of the scale. The display will show “- - - - -“, & “OVER LOAD”, Remove the excessive load immediately!

Remember: You can permanently damage the scale by overloading it!

➢ **Negative Value**

Any tared value or a value left in memory will be displayed as a negative number once all weight is removed from the tray. Press TARE to re-Zero the unit. The display will show “_ _ _ _ _” when the weight is below the normal display range.

Note: “**-.*****” means “**- 0.*****”

NOTE : All items should be placed on the center of the weighing tray