LIGHTERSCALE User 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 the displayed weight reading. Please check www.myweigh.com for the latest version of this manual, in case of possible revisions.

Scale Operation Notes

KEEP THE FOLLOWING POINTS IN MIND:

* If the display becomes locked, shows OUEr or is inaccurate please recalibrate the scale.
* 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 tray top. 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. Allow the unit to acclimate to any major temperature change for at least one hour before use.
* 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.
* Do not operate near an in-use cell phone, cordless phone, radio, computer or other electronic device. These devices emit RF and can cause unstable scale readings. If your scale ever performs poorly, try moving the scale to a different room or location. This is a very precise scale - the display may seem to wander or jump when weighing. This is due to air currents or vibrations. Stable weighing is achieved when the display remains fixed for 3 seconds or the stable indicator appears.

Turn on The Scale

Press ⏻ to turn on the scale. The scale will go through a quick warm up procedure and self test, And then it will be ready for use.

Display Window

→T : Scale is in TARE mode.

: Battery is at low voltage.

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

KEY PAD FUNCTIONS

◆ ⏻ : Power Switch

Press this key to turn the scale on. Once the unit is on, press then release the same key to turn the scale off.

◆ MODE

Press and release the key once to change weight unit. The LIGHTERSCALE 500 reads in g(grams), oz(ounces), ozt(troy ounces), or dwt(pennyweight); the LIGHTERSCALE 100 reads in g, gn(grains), oz, and ct(carats).

◆ 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 →T will appear and the display will show "0".

Battery Operation:

1) One CR2032 Lithium Cell battery (3V) is required. Before replacing battery, always remember to install the Scale's cover & be careful NOT to push on the weighing platform (this can cause a fatal overload even if the power is off).
2) To install battery:
   a) Release the battery cover by sliding out-wards.
   b) Place battery into the battery compartment aligned correctly. When replacing battery use a tool if necessary to help facilitate its removal and replacement.

   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 an accurate calibration weight to calibrate this scale. (LIGHTERSCALE 500 uses a 500g weight; LIGHTERSCALE 100 uses a 100g weight).

NOTE: if you do not have access to a 100/500g weight you can purchase one at your local store or in emergency situations you can use coins or weights (ie 20 US Nickels=100g, 100 US Nickels =500g) as a calibration weight.

1) Turn the scale OFF and place it on a FLAT, very stable surface
2) Press ⏻ to turn on the scale and wait 10 seconds.
3) Press and hold MODE for 3 seconds, wait for the display to show "CAL" and then the required calibration weight (eg 100.00) will show on the LCD.
4) Place the required calibration weight on the tray wait 3 seconds, then press ⏻.
5) The display will show "PASS", Calibration is complete.

NOTE: If after calibration your scale does not read accurately or shows "LouT", this indicates calibration error and the calibration process should be repeated more slowly. Otherwise check online for a possible updated calibration instruction.

Please calibrate on a very stable flat surface!

INACCURACY/ERROR/DAMAGE

The primary reasons for inaccuracy or malfunction are low battery, incorrect calibration, overload or operating on an unstable surface. Although the LIGHTERSCALE is designed to be extremely durable with extra overload protection built into the case, It's important that you never overload or drop/shock the scale. Scales are delicate instruments and unlike Cellular phones, scales have delicate sensors that determine how much an item weighs. If you drop or shock your scale, these sensors "feel" the shock and are sometimes destroyed. This happens with all digital scales. We design our scales to be as resistant to shock or drops as possible, however there is no way for us to protect 100% against load cell or sensor damage. A well-treated scale will provide years of reliable and accurate weighing. However an abused scale will only work until it's sensors are damaged.

FEATURE

➢ **Power Up Segment Test**

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

➢ **Overload**

When an applied load exceeds the capacity, "0-Ld" &

"OVER LOAD" will appear on the display, Remove the excessive load immediately! The unit may return to normal operation.

Remember: You can permanently damage the scale and void your warranty 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 or cycle the power to re-Zero the unit.

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

TROUBLESHOOTING & OPERATION NOTES:

1) If the Display ever becomes locked on "unSt", this indicates that the scale is unstable, please place it on a stable surface to use. If the Display shows "OUEr", this indicates one of the following:

a) The weight on the pan is out of the range of Zero, please remove the weight.

b)The scale was shocked, dropped or otherwise damaged and the delicate weighing sensors have been damaged. You can try recalibrating the scale (If the sensor has not been hurt too badly it will work again after recalibration). Otherwise you will have to follow the warranty instructions that came with your scale.

2) If the display is faint or the scale won't power on, this often indicates low batteries. If a new battery does not fix this error the scale will have to be sent to us for replacement under our warranty program.

For more information or more troubleshooting visit WWW.MYWEIGH.COM

En,V6.0-2008