Palmscale® 8.0 User Manual

Precautions Before Using The Scale

The scale should always be used in an environment which 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 "-----" 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 could damage the scale 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, then be ready for use.

Display Window

: Current reading is stable.

: Scale is in TARE mode.

▶0◀ : Scale is in ZERO mode.

: Battery is at low voltage.

: Minus

"_____": The weight can't be display

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

: Weighmeter (patented technology).

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.

- : Zero or tare

  Press to reset the scale to zero when the weight on the tray is below 5% of the capacity of the scale. The ZERO indicator ▶0◀ will appear.

  This key is also used as a TARE function when the weight on the tray is above 5% of the capacity. The tare indicator

will appear and the display will show "0".

- : Auto Power Off setting key
- MODE

  Press and release the key once to change weight unit. The PS8-800 reads in g(grams), oz(ounces), 1/4oz,1/8oz, ozt(troy ounces), dwt(pennyweight), or ct(carats). The PS8-300 reads in g, 1/4oz, 1/8oz, oz, gn(grains),ct, and dwt.

- M

  Press this key to save the unit price, it will automatically restore the saved unit price after restarting the scale.

- ▲

  Press to make the unit price increase by 1, hold the key down to increase the number successively

- ▶▶

  Press to make the unit price increase quickly (by 10+), hold the key down to increase successively

- ▼

  Press to make the unit price decrease by 1, hold the key down to decrease the number successively

- ◀◀

Press to make the unit price decrease quickly (by 10-), hold

the key down to decrease successively

Battery Operation:

1) Two AAA batteries (1.5V*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. When replacing batteries use a tool if necessary to help facilitate their removal and replacement.
   c) Replace battery cover.
3) The scale is now ready for battery operation.

AUTO POWER OFF

In normal weighing mode, press ⏻ , the display will show "OFF 1" (automatic turn off after no weighing for 30 seconds) or "OFF 2"(automatic turn off after no weighing for 1 minute) or "OFF 3"(automatic turn off after no weighing for 2 minutes), choose the auto turn off time by pressing MODE. Next, confirm your selection by pressing T. The scale will return to active weighing..

(Advanced users only) CALIBRATION

IMPORTANT: This scale was professionally factory calibrated. 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.

Please recalibrate your scale if it gives inaccurate readings or shows an error message. Incorrect calibration can occur if you do not follow the steps exactly.

You will need an accurate calibration weight to calibrate this scale. (PS8-800 uses a 500g weight; PS8-300 uses a 200g weight). In emergency situations you can use coins or known-weight items as a temporary calibration weight (ie 40 US Nickels= 200g, 100 US Nickels = 500g)

1) Turn the scale OFF and place it on a flat, very stable surface.
2) Press ⏻ to turn on the scale and wait 5 seconds.
3) Place the calibration weight(s) needed on the center of the tray, then wait 3 seconds. **Note: The display may sometimes show "-----" during calibration. Please proceed to the next step.**
4) Press and Hold the MODE key until the cal-weight reading flashes on the screen (ie 200.00 for PS8-300, 500.0 for PS8-800), then release.
5) The display will show "PASS". Calibration is complete. After a few seconds, the scale will return to normal weighing mode. Remove the weight from the tray.

If the displays shows "**FAIL**", please recalibrate the scale again.

NOTE: if after calibration your scale does not read Accurately, 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 batteries, incorrect calibration, overload or operating on an unstable surface. Although the PALMSCALE 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 its sensors are damaged.

FEATURE

- **Power Up Segment Test**

When first turning the unit on, all segments of the display will

appear from "99999" to "00000", and all the indicators will light.

- **Overload**

When an applied load exceeds the capacity, "- - - - -" & "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 or cycle the power to re-Zero the unit.

NOTE: The display will show " _ _ _ _ _ " if a negative weight is lower than the negative range of the scale.

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 ever becomes locked on "-----", this indicates that the following:

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

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 new batteries do not fix this error the scale will have to be sent to us for replacement under our Warranty.

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

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