

C300 Convertible Manual

This is the Owners Manual and Calibration guide for all C300 Convertible Scales (below). The C300 uses the same internal program as the Palmscale 5.0. So, for advanced programming information, please view the Palmscale 5.0 Advanced Programming/Repair .

Low Batteries & bad battery connections are the #1 cause of scale malfunction and inaccuracy! We test all of our scale returns from consumers. Fully 60% of consumer returns are battery related problems. This sounds silly but it's true! A scale will perform slowly, or read inaccurately when it has low batteries. Please replace the batteries often (and only use good quality batteries). We include good quality batteries with all of our scales but batteries can run low in storage. If your scale simply won't turn on while on Battery power, this is often caused by loose battery connections. Battery prongs (terminals) are made of metal. They must be making good contact with your batteries in order for the scale to power on. You can use a paperclip to slightly bend the battery prongs to make them have a better connection. Also some poorly designed batteries have recessed or partially obstructed battery terminals. This may cause your prongs to be touching the plastic housing of the battery instead of the metal battery terminal.

This scale is very easy to operate. However, there are certain caring and operation instructions you should read before your first use. We know taking the time to read these instructions is time consuming, but this scale is a precision instrument and must be handled with the utmost care.

IMPORTANT:

- 1)**To open the scale, lift up on the cover using the notch at the front.
- 2)** There is a jewelers scoop and tweezers on the bottom of the scale. The tweezers are stored above the scoop. To release the jewelers scoop, slide it out towards the back of the scale. When the scoop is out of the scale, the tweezers can also be removed.
- 3)** Always empty the tray/platform before turning the power on (clear the platform before turning on)
- 4)** Do not get the scale wet or hot and do not operate on any wet or hot surface to clean the scale, wipe the surface with a clean damp cloth or mild non-abrasive cleaner. Do not use an abrasive cleaner because it may damage the finish.
- 5) Do not overload the scale.** That is, do not place anything that weighs more than 200 Grams on the platform. **You may permanently damage the load cell.**
- 6)** Handle the scale with care. This is a precision instrument and should never be dropped or otherwise mishandled
- 7)** Do not leave anything on the scale when not in use.

8) If the scale is excessively cold or hot, allow the scale to warm up to normal room temperature for at least 1 hour prior to use.

9) Do not operate a cell phone or cordless phone within 10 feet of the scale**** It may temporarily cause the scale to malfunction

10) If the scale ever reads "Lo" or weighs very slowly, please replace the batteries.


11) In the unlikely event that the scale permanently "locks up" or shows ERROR, visit <http://www.myweigh.com/scales/palmscale-60-manual-and-calibration-guide> for Advanced Troubleshooting (the C300 Troubleshooting is the same as the Palmscale 5.0).

12) If your scale should require recalibration, please refer to the calibration guide on the next page.

13) This scale comes with changeable faceplate covers. To change faceplates, open the cover and pull to separate it from the back of the scale. Press inwards on the prongs to release the entire tray from the back of the scale. Insert the new cover (pushing in on the prongs as you insert it). There is also an enclosed sheet with detailed instructions.

INSTRUCTION MANUAL


1. Do not put anything on the scale tray before you turn it on.

2. Turn the scale on by pressing  After 2 seconds, the display will read "0.0 g".


3. Always allow the scale to warm up for at least 30 seconds before weighing for accuracy & stability.

4. Place the item to be weighed on the center of the silver platform and read the value on the display.

5. TARE Function: If you need to weigh loose items or anything in a container or tray you should: 1) Turn the scale On. 2) Place the empty container or tray on the platform. 3) Press the TARE button. 4) Place the items to be weighed into the container / tray. 5) The exact weight of the items will show. (use your tweezers to handle all gems)

6. The scale has an Auto-Off feature that turns off the scale after lapses of non-activity. If the scale is in a room with wind or air movement, it may sense the pressure of the air and not auto-off. In this case simply press  to turn the scale off manually.

7. UNIT Function: This scale has the ability to weigh in grams or ounces. The selection is done by simply pressing the UNIT key once the scale is on (Look for the g or oz on the top of the display).


8. BACKLIGHT: To operate the Backlight simply press the  key and the backlight will automatically turn on for ~6 seconds.

9. Temperature: The recommended operating temperature is 64-82F (16-25C) Please only operate the scale at recommended temperatures.

CAPACITY OF SCALE: 200G ACCURACY + / - 0.1G

CALIBRATION INSTRUCTIONS

THIS SCALE IS ACCURATE WITHIN 0.1g, only calibrate if your readings are inaccurate beyond 0.1g. Allow your scale to warm up for several seconds before calibration. Always move your hands very gently during calibration as to not cause vibrations or air movement.

1. Place the scale on a flat stable surface that has NO vibrations and make sure there is absolutely NO air movement. (Surface must be extremely stable)
2. Turn the scale off and clear the platform (Make sure nothing is on the platform not even the plastic tray)
3. Turn the scale on by pressing .
4. When the display shows 0.0, Place a 100 gram weight on the center of the tray..
5. Wait 5 seconds for the display to stabilize, then press and hold the **UNIT** key until the display flashes 100.0 twice. (*This will take about 6 seconds*)
6. Calibration is complete, release the UNIT key and remove the weight from the tray.

If the readings are inaccurate, perform calibration again..

If your scale will not properly calibrate or shows "err" please visit our website for advanced calibration & troubleshooting instructions

BATTERY INSTRUCTIONS

Use 2 CR2032 3volt batteries. Please make sure the polarity is correct when installing new batteries. Slide the locking switch near the battery cover to access batteries. Low batteries are the #1 cause of scale malfunction so be sure your batteries are good.

Advanced Stability Feature (ASF)

This scale has a stability indicator (S) in the top left corner of the screen. Whenever the "S" is displayed that means the displayed weight is stable.

Tools (onboard)

The C300 has on-board tools for handling gems and other loose materials. You can find an on-board scoop and tweezers on the bottom of the scale (the tweezers are exposed when the scoop is removed)

CHANGEABLE FACEPLATE COVERS

The C300 comes with four changeable faceplate covers. Use whichever cover you like best. To change faceplates please follow the picture-pamphlet included in the box (it's a very easy process).

There is an advanced troubleshooting and programming guide available online for this scale at our website.

Words of Advice:

The C300 is a unique weighing device that is designed to have changeable faceplates to suit your daily mood or personality. Remember that this is a precision instrument. It is essential that you never drop, shake or otherwise mishandle this instrument. Electronic precision scales use delicate sensors that can easily be damaged if the scale is excessively shocked, dropped or overloaded. Treat your scale well and it will last for many years.