

(PDF Format By RightOnScales.com)

This is the Owners Manual and Calibration guide for the Tempest. The Tempest uses a special program - **to do an advanced calibration for the Tempest please see the bottom of this page.**

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.

IMPORTANT AMENDED CALIBRATION INSTRUCTIONS FOR THE TEMPEST 500

Amended Tempest 500 Calibration Instructions

1. PLACE THE SCALE ON A FLAT 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 THE ON KEY. WHEN THE DISPLAY SHOWS 0.0, WAIT 5 SECONDS.
4. PRESS AND HOLD THE ON KEY FOR 3 SECONDS UNTIL IT SHOWS "0", THEN RELEASE THE KEY.
5. IT WILL THEN SHOW "100". IF THE NUMBER IS NOT "100" (e.g. 500), USE THE TARE BUTTON TO ADJUST IT TO "100". THE UNIT "g" WILL KEEP FLASHING. PLACE A 100 GRAM WEIGHT ON THE CENTER OF THE PLATFORM AND WAIT FOR 5 SECONDS.
6. THE SCALE WILL SHOW "100.0" AND THE UNIT "g" WILL STOP FLASHING AFTER THE CALIBRATION IS COMPLETE.

TEMPEST 250




OPERATION AND CALIBRATION INSTRUCTIONS

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, simply lift up the cover.
- 2) Always empty the tray/platform before turning the power on (clear the platform before turning on).
- 3) 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 any abrasive cleaner because it may damage the finish.
- 4) **Do not overload the scale.** That is, do not place anything that weighs more than 250 grams on the platform. **You may permanently damage the load cell.**
- 5) Handle the scale with care. This is a precision instrument and should never be dropped or otherwise mishandled.
- 6) Do not leave anything on the scale when not in use.
- 7) 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.
- 8) **Do not operate a cell phone or cordless phone within 10 feet of the scale****** It may temporarily cause the scale to malfunction.
- 9) If the scale ever reads “Lo” or weighs very slowly, please replace the batteries.
- 10) In the unlikely event that the scale permanently “locks up” or shows ERR, visit www.myweigh.com for Advanced Troubleshooting.
- 11) If your scale should require recalibration, please refer to the calibration guide on the next page.
- 12) Please keep your scale in its protective pouch when not in use.


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 "0.0g".
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 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. **MODE Function:** This scale has the ability to weigh in grams or ounces. The selection is done by simply pressing the MODE key once the scale is on (Look for the g, oz, ozt, dwt or ct on the top of the display).
8. **BACKLIGHT:** The backlight will be automatically turned on whenever the reading change is more than 0.5g. You can also turn it on manually by pressing the  key. The backlight will automatically turn off after a few seconds. If you want to save the battery life, you may turn off the backlight power using the manual backlight-disable switch on the bottom of the scale.
9. **Temperature:** The recommended operating temperature is 64-82F (16-25C). Please only operate the scale at recommended temperatures.

CAPACITY OF SCALE: 250G 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 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, WAIT 5 SECONDS AND THEN PLACE A 100 GRAM WEIGHT ON THE CENTER OF THE PLATFORM.
5. WAIT FOR THE DISPLAY TO STABILIZE, THEN PRESS AND HOLD THE **MODE** KEY FOR 10 SECONDS. THE DISPLAY WILL FLASH 100.0 TWICE, (THIS WILL TAKE ABOUT 7 SECONDS, CONTINUE TO HOLD THE KEY FOR AN EXTRA COUPLE OF SECONDS AFTER IT HAS STOPPED FLASHING)
6. RELEASE THE **MODE** KEY AND REMOVE THE WEIGHT FROM THE PLATFORM. CALIBRATION IS COMPLETE

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 TWO AAA BATTERIES. PLEASE MAKE SURE THE POLARITY IS CORRECT WHEN INSTALLING NEW BATTERIES. LOW BATTERIES ARE

THE #1 CAUSE OF SCALE MALFUCTION SO BE SURE YOUR BATTERIES ARE GOOD.

ADVANCED STABILITY FEATURE (ASF)

This scale has a stability indicator, the letter “S” in the top left corner of the screen. Whenever the letter “S” is displayed that means the displayed weight is stable.

TOOLS

The Tempest 250 has tools for handling gems and other loose materials. You can find a scoop and tweezers inside the carrying pouch.

EXPANSION TRAY AND BOWL FOR LOOSE ITEMS

There is a platform expansion tray and bowl included in the box. They are designed to fit on top of the platform. Simply install the tray or bowl and then turn the scale ON.

******IF YOU HAVE QUESTIONS OR NEED ASSISTANCE PLEASE VISIT WWW.MYWEIGH.COM WE CAN USUALLY HELP YOU FIX YOUR SCALE VERY QUICKLY SO PLEASE CONTACT US IF YOU NEED ANY HELP. IF YOU WANT TO LEARN MORE ABOUT YOUR SCALE OR NEED REPLACEMENT PARTS, VISIT WWW.MYWEIGH.COM***

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

Words of Advice:

The Tempest 250 is undoubtedly one of the coolest pocket scales ever created and the first of it's kind. Please 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 overload. An abused scale will only work until it's sensors are damaged, but a well kept scale will last for your lifetime.

Please be good to your Tempest !

My Weigh is the Best Weigh !

****Procedure of full calibration for Tempest****

In Programming mode pressing the MODE key will increase the blinking number, Pressing the TARE key will shift the blinking number to the next line. If you press the MODE key it simply increases the number. So if the blinking number is 1 and you press the MODE key, it will increase that number to 2. The TARE key shifts the blinking digit to the next line.

1. Turn on the scale and wait for 0.0g.
2. Press and hold TARE for 5 sec.
3. Page 1 = 7115. If it does not show the correct number, use TARE (shift digit) and MODE (adjust value) to change it. Press BACKLIGHT.
4. Page 2 = 8295. If it does not show the correct number, use TARE (shift digit) and MODE (adjust value) to change it. Press BACKLIGHT .
5. Page 3 = XXXX, Do not change it. Press BACKLIGHT.
6. When you see a steady 3 digit (or 4 digit) number ("S" icon must be turned on). Press TARE shortly and release. You will see the version number e.g. "E2.41" or "F2.41" when you press the TARE button.
7. Put the 100g standard weight on the platform and wait until the 4 digit number is steady (check "S" icon). Press BACKLIGHT. It'll show "2500".
8. Use TARE (shift digit) and MODE (adjust value) to change the display from "2500" to "1000". Press BACKLIGHT.
9. It'll show "OFF" and the process is complete.