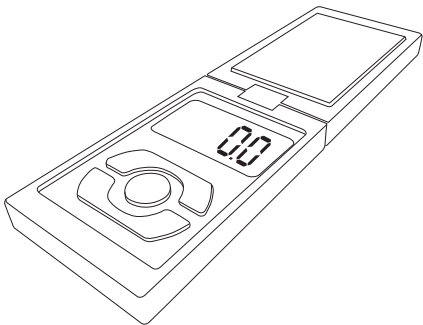




American Weigh Scales, Inc.

CG2-Series

Digital Pocket Scale



CG2-100 (100x0.01g) ***User Manual***
CG2-500 (500x0.1g)

CG2-Series Manual

Thank you for purchasing the American Weigh CG2-Series digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. Never load the scale with more than the maximum capacity. Overloading will permanently damage it! Avoid any exposure to extreme heat or cold. Your scale works better when operated at normal room temperature. Always allow the scale to acclimate to normal room temperature for at least one hour before use.

Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and a close distance 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, try to avoid rough treatment as this may permanently damage the internal sensor.

Avoid shaking, dropping or otherwise shocking the scale. This is a precision instrument and must be handled with extreme care.

Only operate the scale on a stable, vibration free surface.

I. OPERATION

Place Scale on a horizontal flat surface.

1. Press [] key.
2. Wait until "0.0" or "0.00" is displayed.
3. Place the object(s) on the weighing platform.
4. By pressing the [**MODE**] key, you can switch between weighing units.
5. The back-light can be turned on or off using the [**LIGHT**] key.

II. TARE WEIGHING

1. Turn on scale as described above.
2. Place a tray or container on the scale platform.
3. Press [**TARE**] and wait until "0.0" or "0.00" is displayed.
4. You can now add items to the container or tray to obtain just the weight of the contents.

III. COUNTING FEATURE

All items must be of uniform weight for the counting feature to work.

1. Turn on scale as described above.
2. Place a sample count of the items you want to weigh on the platform. Available sample counts are 25, 50, 60, 75, 100.
3. Press and hold the [**PCS**] button until you see "pcs" flash in the top right corner, and a sample count displayed.
4. Press mode until the display shows the sample count which you have placed on the platform, then

press [PCS] to confirm.

5. You may now place any number of items on the platform, and the scale will display a count.


IV. CALIBRATION

Calibration is NOT required before first use. Only calibrate if the scale is not weighing properly.

The CG2-500 calibrates with a 500g weight. The CG2-100 calibrates with a 100g weight (not included)

1. Turn the scale ON.

2. Hold the [**MODE**] key for a few seconds. The display will show "CAL", followed by the required calibration weight.

3. Place the required calibration weight onto the platform and press [].

4. The display will show "PASS" then return to normal weighin mode. Calibration is complete!

V. TROUBLESHOOTING

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.

This scale is a precise instrument and must be handled with the utmost care and caution.

[Display] Elimination of errors

[OUT2] Recalibrate the scale (Section III).

[EEEE] You are overloading the scale. Remove the excessive load immediately!

[un2T] Use the scale in a more stable position

Specifications

Model	CG2-500	CG2-500
Capacity	100g 3.528oz 500ct 154.3gn	500.0g 17.64oz 16.08ozt 321.5dwt
Resolution	0.01g 0.001oz 0.05ct 0.2gn	0.1g 0.01oz 0.01ozt 0.1dwt
Weighing Units	g, oz, ct, gn	g, oz, ozt, dwt
Calibration Weight (not Included)	100g	500g
Platform Dimensions (inches)	2.0 x 2.7 " Stainless Steel	
Scale Dimensions (inches)	2.2 x 3.5 x 0.9" (closed) 2.2 x 7.0 x 0.5 (open)	
Power	2 x CR2032 Batteries (included)	
Warranty	10 Year Warranty	