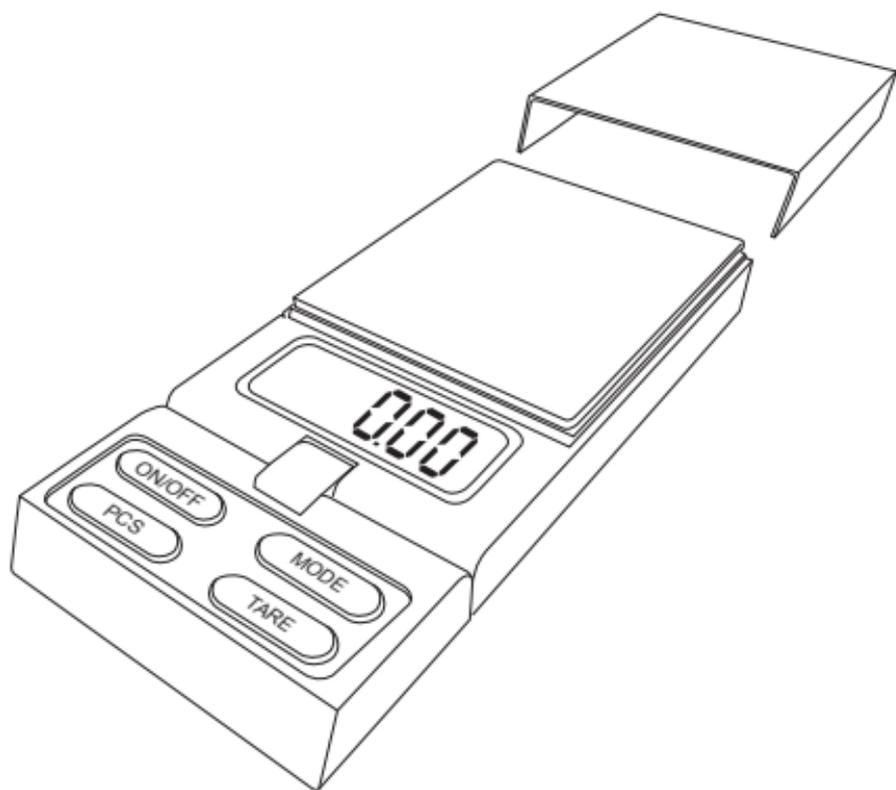




American Weigh Scales, Inc.

# CG-Series

*Digital Pocket Scale*



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**CG-50** (50x0.01g)  
**CG-500** (500x0.1g)

***User Manual***

## CG-Series Manual

Thank you for purchasing the American Weigh CG-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 [ **ON/OFF** ] key to turn the scale on.
2. Wait until "0.0" or "0.00" is displayed.
3. Place the object(s) onto the weighing platform.
4. By pressing the [ **MODE** ] key, you can switch between weighing units..

## 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

1. Turn on the scale and wait until the LCD displays "0.0" or "0.00".
2. Place a sample quantity (25pcs, 50pcs, 75pcs, or 100pcs) of the items you want to count onto the platform.
3. Press and HOLD the [ **PCS** ] key for 2 seconds; the LCD will display the sample quantity setting, for example "100".
4. Press the [ **MODE** ] key to select the sample amount of the item which you placed onto the platform.
5. Press the [ **PCS** ] key to confirm the above information, the LCD will now display "pcs" in the corner to show that the scale is in counting mode.

6. Remove the sample quantity from the platform.
7. You now can place any amount of your item(s) on the scale and the LCD will display a count.
8. You can switch between weighing mode and counting mode by pressing [ **MODE** ] or [ **PCS** ] key respectively.

#### **IV. CALIBRATION**

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

The CG-500 calibrates with a 500g weight\*

The CG-50 calibrates with a 50g weight\*

\*Weights not included.

1. Turn on the scale by pressing the [ **ON/OFF** ] key.
2. Wait until the LCD displays "0.0" or "0.00", then press and HOLD the [ **MODE** ] key for 3 seconds. The LCD will display "CAL". You may now release the [ **MODE** ] key.
3. Press the [ **MODE** ] key again. The LCD will display "CAL" followed by the required calibration weight (see above).
4. Place the required calibration weight on the center of the platform. The display will show "PASS" and return to normal weighing mode.
5. Put away the calibration weight and press [ **ON/OFF** ] to turn off the scale and the calibration is finished!

## 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

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**[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	CG-50	CG-500
Capacity	50.00g 1.764oz 250ct 771.5gn	500.0g 17.64oz 16.08ozt 321.5dwt
Resolution	0.01g 0.001oz 0.05ct 0.1gn	0.1g 0.01oz 0.01ozt 0.1dwt
Weighing Units	g, oz, ct, gn	g, oz, ozt, dwt
Calibration Weight (not Included)	50g	500g
Platform Dimensions (inches)	2.0 x 2.7 " Stainless Steel	
Scale Dimensions (inches)	2.2 x 3.5 x 0.9"	
Power	2 x CR2032 Batteries (included)	
Warranty	10 Year Warranty	