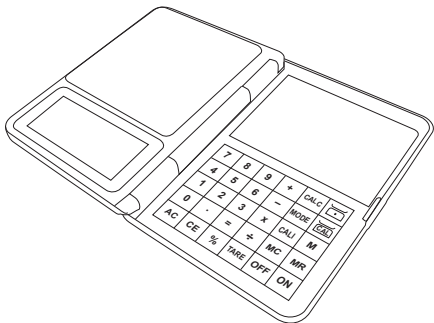




American Weigh Scales, Inc.

# CQ-Series

*Digital Pocket Scale*



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**CQ-350** (350x0.1g)  
**CQ-500** (500x0.1g)

***User Manual***

## CQ-Series Manual

Thank you for purchasing the American Weigh CQ-Series digital calculator 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. WEIGHING

Place Scale on a flat, level surface.


1. Press [ **ON/OFF** ] key to turn the scale on.
2. Wait until "0.0" is displayed.
3. Place the object(s) to be weighed onto the weighing platform.
4. By pressing the [ **MODE** ] key, you can switch between weighing units.

## II. PRICE CALCULATING

1. The scale starts up in Price Calculating mode by default. To switch back to Price Calculating mode from Weighing, or Calculator mode, press the [  ] key.
  2. The display will show "SUM", "PRI", and "0.0g".
  3. Place the object(s) to be weighed onto the weighing platform.
  4. Enter the unit price using the numeric keypad. The unit price will be displayed after "PRI". The total price will be displayed after "SUM". Weight is still displayed on the top line.
  5. To clear the unit price, press the [ **CE** ] key.
  6. The [ **AC** ] button can be used to lock the weight. Press once more to unlock.
- Note: The "+", "-", "x", "÷", "=", "%", "M", "MC" and "MR" keys are invalid in this mode.

## III. WEIGHT ONLY

1. Press [ **ON/OFF** ] key to turn the scale on.

2. Press the [  ] key to switch to Weight Only mode.
  3. Place the object(s) to be weighed onto the weighing platform.
  4. By pressing the [ **MODE** ] key, you can switch between weighing units.
  5. The [ **AC** ] button can be used to lock the weight. Press once more to unlock.
- Note: The “+”, “-”, “x”, “÷”, “=”, “%”, “M”, “MC” and “MR” keys are invalid in this mode.

#### IV. CALCULATOR MODE

1. Press [ **ON/OFF** ] key to turn the scale on.
2. Press the [ **CALC** ] key to switch to Calculator Mode. You may now use the scale as you would a normal calculator.
3. Press the [ **CE** ] key to clear the calculated result.
4. Press the [ **M** ] key to store the calculated result. The [ **MR** ] key will recall the last result stored. Each new result stored will overwrite the previous one.
5. Press the [ **MC** ] key to clear the result stored in memory.

#### V. 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" is displayed.
4. You can now add items to the container or tray to obtain just the weight of the contents.

## VI. CALIBRATION

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

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

The CQ-350 calibrates with a 350g weight\*

\*Weight not included.

1. Turn on the scale by pressing the [ **ON/OFF** ] key.
2. Wait until the LCD displays "0.0" , then press and HOLD the [ **CALI** ] key for 5 seconds. The LCD will display "0". You may now release the [ **CALI** ] key.
3. The display will flash the required calibration weight. Place the required weight on the platform. (see above)
4. 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. Calibration is finished!

## VII. 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 VI).
- [EE]** You are overloading the scale. Remove the excessive load immediately!
- [LO]** Replace the batteries.

# Specifications

Model	CQ-350	CQ-500
Capacity	350g 12.35oz 11.25ozt 225.1dwt	500.0g 17.64oz 16.08ozt 321.5dwt
Resolution	0.1g 0.01oz 0.01ozt 0.1dwt	0.1g 0.01oz 0.01ozt 0.1dwt
Weighing Units	g, oz, ozt, dwt	
Calibration Weight (not Included)	350g	500g
Platform Dimensions (inches)	3.5 x 3.4 "	
Scale Dimensions (inches)	5.7 x 4.1 x 0.8"	
Power	3 x AAA Batteries (Included)	
Warranty	10 Year Warranty	