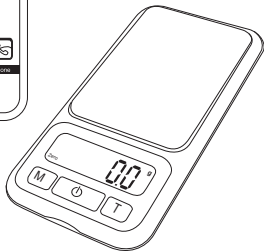




American Weigh Scales, Inc.

CP3-Series

Digital Pocket Scale



CP3-100 (100x0.01g)
CP3-500 (500x0.1g)

User Manual

CP3-Series Manual

Thank you for purchasing the American Weigh CP3-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 [**M**] key, you can switch between weighing units.
5. The removable lid can also be used as a weighing tray.


II. TARE WEIGHING

1. Turn on scale as described above.
2. Place a tray or container on the scale platform.
3. Press [**T**] 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. CALIBRATION

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

The CP3-500 calibrates with a 500g weight (not included). The CP3-100 calibrates with a 100g weight (not included)

1. Turn the scale ON.
2. Hold the [**M**] key for a few seconds. The display will show "CAL", followed by the required calibration weight (see above).
3. Place the 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	CP3-500	CP3-100
Capacity	500.0g 17.64oz 16.08ozt 321.5dwt	100.00g 3.527oz 500ct 1543.2gn
Resolution	0.1g 0.01oz 0.01ozt 0.1dwt	0.01g 0.001oz 0.05ct 0.1gn
Weighing Units	g, oz, ozt, dwt	g, oz, ct, gn
Calibration Weight (not Included)	500g	100g
Platform Dimensions (inches)	2.0 x 2.7 " Stainless Steel	
Scale Dimensions (inches)	4.5 x 2.4 x 0.5"	
Power	2 x CR2032 Batteries (included)	
Warranty	10 Year Warranty	