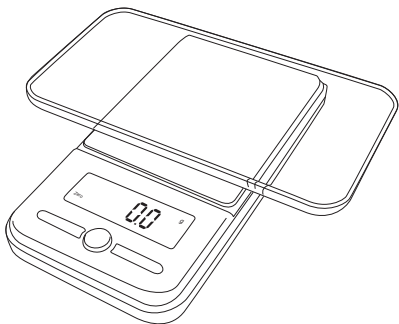


AWS American Weigh Scales, Inc.

AC-Series

Digital Pocket Scale



AC-650 (650x0.1g)
AC-100 (100x0.01g)

User Manual


AC-Series Manual

Thank you for purchasing the American Weigh AC-Series digital pocket scale. Please read all operating instructions carefully before use. Scales are precision instruments and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

- Do not exceed the scales maximum capacity. Overloading your scale can permanently damage it!
- Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, recalibration may be necessary.
- Allow your scale to warm up for 30-60 seconds before performing calibration (if available).
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing innacuracy or malfunction.
- Avoid using your scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and cordless phones.
- Always weigh on a flat and level surface, free from vibrations and drafts. The corner of a room is usually the most stable.
- Gently apply all items to be weighed. Do not drop items onto the weighing platform.
- Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.

I. SCALE OPERATION

Place the scale on a horizontal flat surface.

1. Press the [] key to turn the scale on.
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 covers can also be used as weighing trays.

II. TARE WEIGHING



1. Turn on the scale as described above.
2. Place a tray or container on the scale platform.
3. Press the [T] button. "0.0" or "0.00" will be displayed.
4. You can now add items to the container or tray to obtain just the weight of the contents.
5. When the container is removed, a negative number will be displayed. Press [T] again to zero the scale.

III. CALIBRATION


This scale has come pre-calibrated at the factory. Only re-calibrate if you are experiencing trouble weighing.

AC-650 uses a 500g calibration weight

AC-100 uses a 100g calibration weight

1. Turn the scale OFF.
2. Press and hold the [M] and [] keys together until the display shows a random number (ISN #).
3. Make sure nothing is on the platform and press the [] key once.
4. The display will show "Zero" followed by the

required calibration weight.

5. Place the required weight (not included) on the center of the platform and press the [] key again.

6. The display will show "CAL" then "PASS".

Calibration is complete! You can turn off the scale.

IV. 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

[Lo] Change the batteries.

[OUE2] Recalibrate the scale as shown above.

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

[UnST] Use the scale in a more stable position

Specifications

Model	AC-650	AC-100
Capacity	650g / 22.93oz / 20.90ozt / 418.0dwt	100g / 3.528oz / 500ct / 1543gn
Resolution	0.1g / 0.001oz / 0.001ozt / 0.1dwt	0.1g / 0.001oz / 0.05ct / 0.5gn
Weighing Units	g, oz, ozt dwt	g, oz, ct, gn
Calibration Weight (not Included)	500g	100g
Platform Dimensions (Inches)	2.2 x 2.9" Stainless Steel	
Scale Dimensions (Inches)	2.6 x 4.2 x 0.8"	
Power	2 x AAA Batteries (Included)	
Warranty	10 Year Warranty	