

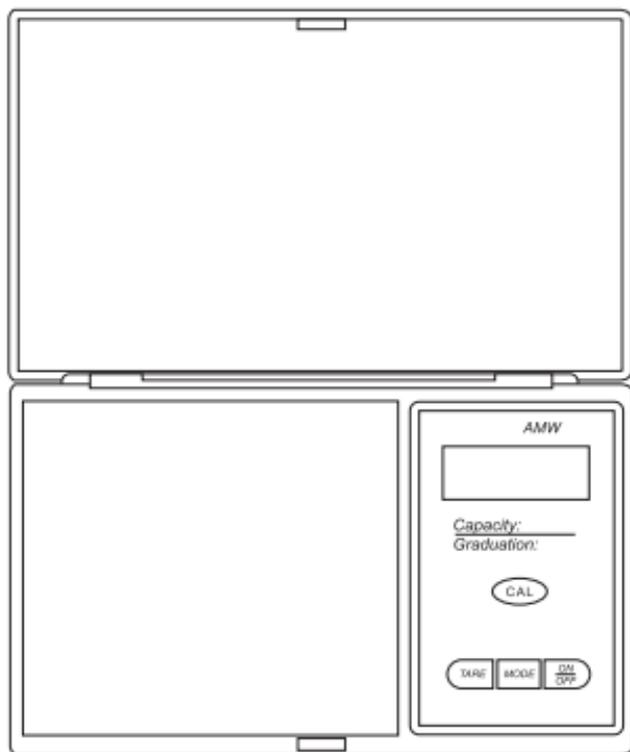


American Weigh Scales, Inc.

AMW Series

DUAL RANGE

Digital Pocket Scale



AMW-150DR
AMW-300DR

User Manual

AMW Series Manual

Thank you for purchasing the American Weigh AMW-Series dual range 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 the scale 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.
2. Wait until "0.0" is displayed.
3. Put the object(s) on the weighing platform.
4. Using the [MODE] key, you can switch between the weighing units.

II. CHANGING SCALE RANGE (0.1g - 0.01g)

1. Remove any weight from the platform before changing the scale's range.
2. With the scale on, press and hold the [MODE] key, then tap the [TARE] key to switch between 0.1g or 0.01g ranges.

Note: The scales capacity is lower when in 0.01g range (ie. 50g for AMW-150DR, 100g for AMW-300DR)

III. TARE WEIGHING

1. Turn on scale as described above.
2. Place the "tare item" on the platform.
3. Press [TARE] and wait until "0.0" is displayed.
4. Add the "net-weight-item".

IV. CALIBRATION

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

****Make sure you use the correct calibration weight for your scale or the calibration will not be accurate****

AMW-150DR: 50g + 100g calibration weight AMW-300DR: 100g + 300g calibration weight

A. AMW-150DR Calibration

1. Press the [ON/OFF] key to turn on the scale.
2. Once the scale goes to zero (0.0 or 0.00g) press the [CAL] key once. The LCD will display "50.00g".
3. Press the [MODE] key once. The display will now be flashing "50.00g".
4. Place the 50g weight on the platform, and press the [MODE] key again. The display will now show "100.00g". Tap [MODE] again to make the display flash "100.00g".
6. Place another 50g on the platform to make 100g total on the scale and press the [MODE] key. The display will show PASS and shut off. Calibration is complete!

B. AMW-300DR Calibration

1. Press the [ON/OFF] key to turn on the scale.
2. Once the scale goes to zero (0.0 or 0.00g) press the [CAL] key once. The LCD will display "50.00g".
3. Press the [MODE] key once. The display will now be flashing "50.00g".

4. Place the 50g weight on the platform, and press the [MODE] key again. The display will now show "100.00g". Tap [MODE] again to make the display flash "100.00g".

6. Place another 50g on the platform to make 100g total on the scale and press the [MODE] key. The display will show PASS and shut off. Calibration is complete!

Check the availability of weights with the store you bought your scale from.

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

Nothing, Battery-Symbol, [lo] or [88888]

Change the batteries.

[OUE2] Recalibrate the scale as shown above.

[0_Ld] You are overloading the scale. Remove the excess again after recalibration.

[UNST] Use the scale in a more stable position

Specifications

Model	AMW-150DR		AMW-300DR	
Capacity	50g / 1.764oz / 250ct / 771.5gn	150g / 5.3oz / 500ct / 1543gn	100g / 3.528oz / 500ct / 1543gn	300g / 10.585oz / 9.654ozt / 193dwt
Resolution	0.01g / 0.001oz / 0.05ct / 0.1gn	0.1g / 0.005oz / 0.005ozt / 0.1dwt	0.01g / 0.001oz / 0.05ct / 0.1gn	0.1g / 0.005oz / 0.005ozt / 0.1dwt
Calibration Weight (not included)	50g + 100g (not included)		100g + 200g (not included)	
Platform Dimensions (inches)	2.5 x 3 "			
Scale Dimensions (inches)	3 x 5 x 0.75 "			
Power	2 x AAA (included)			