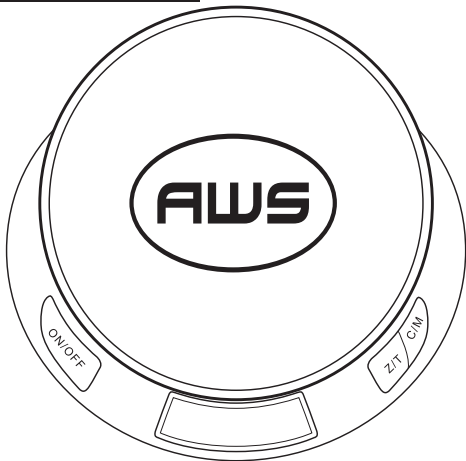


AMW-DISC *User Manual*

Digital Pocket Scale



AMW-DISC-55 (55 x 0.01g)

AMW-DISC-500 (500 x 0.1g)

American Weigh Scales


AMW-DISC User's Manual

Thank you for purchasing the American Weigh Disc 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.
- Avoid any exposure to extreme heat or cold. Your scale will work better when operated at normal room temperature. Always allow the scale to acclimate to surrounding 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 proximity to other electronic devices can 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 which can 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 the scale on a horizontal flat surface.

1. Press ON/OFF key.
2. Wait until [0.0] or [0.00] is displayed.
3. Put the object(s) on the weighing platform.
4. The scale will show  when the weight is stable.
5. Use the C/M (Cal/Mode) key to change weighing units.

II. Tare Weighing.

1. Turn on scale as described above.
2. Place the “tare item” on the platform.
3. Press Z/T (Zero/Tare) and wait until [0.0] or [0.00] is displayed.
4. Add the “net-weight-item”.

III. Calibration

This scale has been calibrated before shipment, however accuracy may be affected by variations of gravity, shipment, handling, and changes in temperature. You will need a calibration weight to calibrate your scale.

Required Weight for Calibration:

AMW-**DISC**-55 : 50g Calibration Weight (not included)

AMW-**DISC**-500 : 100g Calibration Weight (not included)

1. Turn OFF the scale.
2. Press and hold the C/M key and then tap the ON/OFF key once with another finger. Continue holding the C/M key until CAL is displayed.
3. Release the C/M key and then tap C/M once more. CAL will flash, followed by the required calibration weight (ie 100g).
4. Insure the scale is stable, and place the required weight on the center of the platform. Wait until the display shows PASS.
5. You can now remove the weight and turn off the scale.

Calibration is complete!

V. Troubleshooting

The primary reason for innaccuracy 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.

Error Code Descriptions:

Error: [LO]

Solution: Replace Batteries

Error: [OUEr]

Solution: The scale is being overloaded. Remove the excess weight immediately.

Error: [OutZ]

Solution: The scale cannot return to zero. Recalibrate the scale as described in section III.

Error: [UnST]

Solution: Use the scale on a more stable surface / area.

Error: [FAIL]

Solution: Try calibrating again in a more stable area

Specifications

Model	AMW-DISC-55	AMW-DISC-500
Capacity	55g / 1.940oz / 275ct / 848.8gn	500g / 17.64oz / 16.08ozt / 321.5dwt
Resolution	0.01g / 0.001oz / 0.05ct / 0.1gn	0.1g / 0.005oz / 0.006ozt / 0.1dwt
Weighing Units	grams (g), ounces (oz), carats (ct), grains (gn)	grams (g), ounces (oz), troy ounces (ozt), pennyweights (dwt)
Display	5 - Digit Backlit LCD	5 - Digit Backlit LCD
Calibration Weight (not Included)	50g	100g
Platform Dimensions (inches)	2.9" Diameter	
Scale Dimensions (inches)	3.75 x 3.6 x 0.75	
Power	2 x AAA (included)	
Weight	0.26 lb	