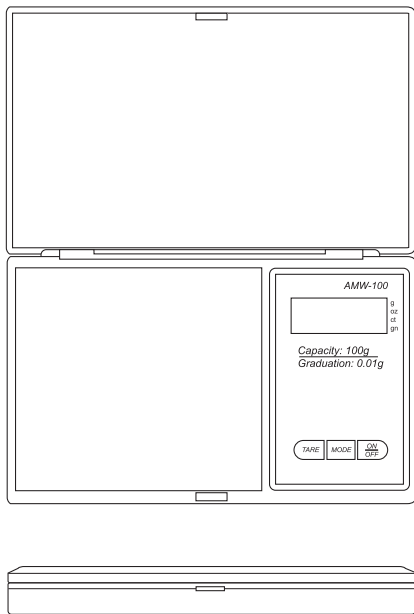


# AMERICAN WEIGH

## AMW-100 Digital Pocket Scale

100g x 0.01g



## USER'S MANUAL

**American Weigh**  
**AMW-100 User's Manual**  
**100g x 0.1g**

Thank you for purchasing the AMW-100 Digital Pocket Scale. With normal care and proper treatment, it will provide you with years of reliable service. Please read all operating instructions carefully before using the scale. It may be necessary to calibrate the scale before its first use .

- Avoid any exposure to extreme heat or cold. Your scale will work better when operating in normal room temperature. Always allow the scale to acclimate to normal room temperature for at least an hour before use.
- Give the scale sufficient warm up time before use. Usually 30 to 60 seconds to give the internal components time to stabilize.
- Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents, or a close proximity to other electronic equipment can cause an adverse effect on the reliability and accuracy of your scale.
- Handle with care. Gently apply all items to be weighed onto the weighing surface. Although this scale is designed to be quite durable, avoid rough treatment as this may permanently damage the internal sensor.
- Do not shake, drop, or otherwise shock the scale. This is a precision instrument and must be handled with extreme care.
- Only operate the scale on a stable, vibration free surface.
- Always store in a dry place to avoid moisture accumulation on internal components.

## **I. Operation**

Place the 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. 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”.

## **III. Calibration**

1. Turn OFF the scale.
2. Press and hold the ON/OFF and MODE buttons simultaneously until a random number is displayed. Release the ON/OFF and MODE buttons and press the ON/OFF key again. The display will show “2Ero” then “50.0g”.
3. Place a 50g weight on the center of the platform. Wait two seconds then press the ON/OFF key again. Place another 50g (making a total of 100g on the platform) and press the ON/OFF key once more. The LCD will display [PASS].
5. Remove the weights and turn off the scale. Calibration is complete.

## IV. Troubleshooting

The primary reason for inaccuracy or malfunction are low batteries, overload or operating on an unstable surface. Please keep this in mind and maintain and operate your scale properly. This scale is a precision instrument and must be handled with care.

### Error Code Descriptions:

**Error:** Nothing on screen, [LO],

**Solution:** Replace Batteries

**Error:** [EEEE]

**Solution:** Load is in excess of 100g, remove the extra load.

## V. Specifications

Capacity: 100g; 3.528oz; 500ct; 1543dwt

Graduation: 0.01g; 0.001oz; 0.05ct; 0.1gn;

Units: grams (g) / ounce (oz) / carats (ct)  
grain (gn)

Calibration: Auto Calibration; User Calibration with two  
50g Cal. Weights

Tare Range: Tare full capacity

Auto Off: 60 seconds

Display: 4 digits 1/2" in height