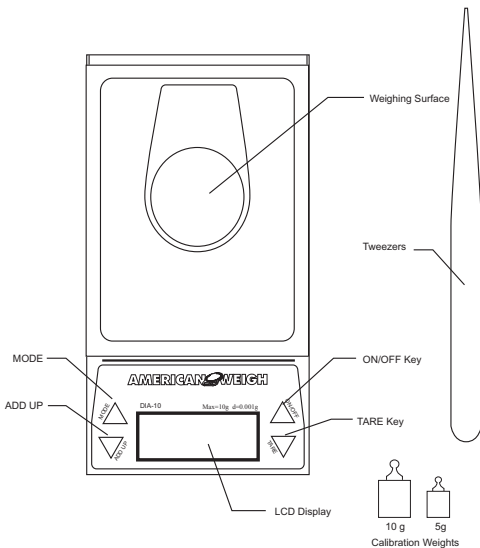


AMERICAN WEIGH

DIA-10 Precision Pocket Scale 10g x 0.001g



USER'S MANUAL

**American Weigh
DIA-10 User's Manual
10g x 0.001g**

Thank you for purchasing the DIA-10 Precision 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 TARE button until the internal statement number (ISN) is displayed.
3. Press the Tare button again; the display will show “0.000g”
4. Place a 5g weight (included) on the center of the platform. Wait until the scale stabilizes then press the TARE key again. The LCD will display “5.000g”.
5. Remove the 5g weight and place a 10g weight (included) on the center of the platform. Wait until the scale stabilizes then press the TARE key again. The LCD will display “10.000g”.
6. Press and hold the TARE button to turn the scale off.
7. Turn on the scale and test its accuracy. If it is inaccurate, repeat the process.

IV. Troubleshooting

The primary reason for inaccuracy or malfunction are low batteries, improper calibration, 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 10g, remove the extra load.

V. Specifications

Capacity:	10g; 0.3528oz; 50ct; 154.3gn 6.43dwt 0.321ozt
Graduation:	0.001g; 0.0001oz; 0.01ct; 0.02gn; 0.001dwt; 0.0001ozt;
Units:	grams (g) / ounce (oz) / carats (ct) / grains (gn) pennyweight (dwt) / troy ounces (ozt)
Calibration:	Auto Calibration; User Calibration with 5g and 10g weight
Tare Range:	Tare full capacity
Auto Off:	60 seconds
Display:	5 digits 1/2" in height