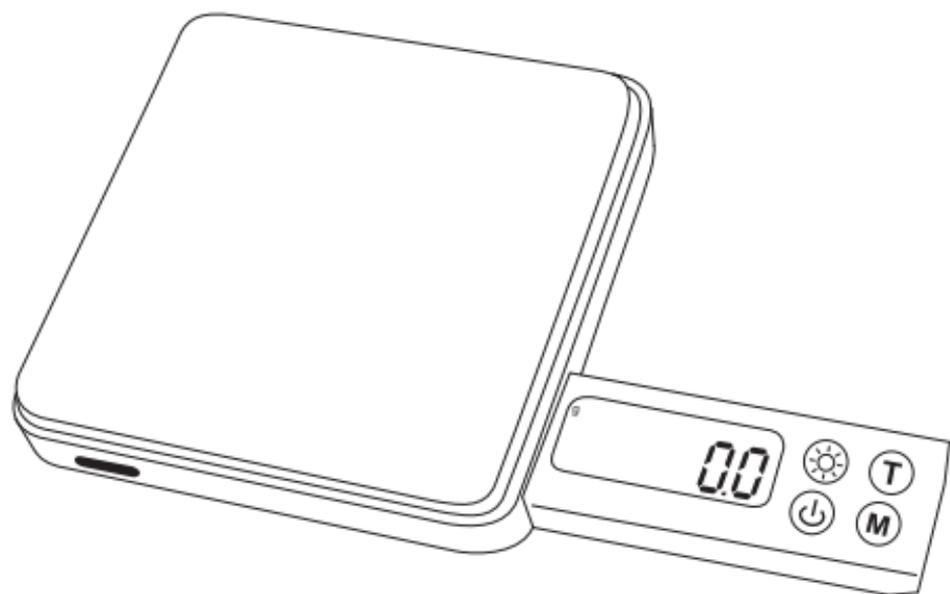




BLADE V2.0

Digital Pocket Scale



BLADE-V2-50
BLADE-V2-100
BLADE-V2-400

User Manual

Blade Scale® V2.0 Manual

Thank you for purchasing the American Weigh Blade Scale® V2.0 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 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 the [⏻] key.
2. Wait until "0.0" is displayed.
3. Put the object(s) on the weighing platform.
4. Using the [M] 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 [T] and wait until "0.0" is displayed.
4. Add the "net-weight-item".

III. 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****

BLADE-v2-50:	50g calibration weight
BLADE-v2-100:	100g calibration weight
BLADE-v2-400:	200g calibration weight

1. Turn OFF the scale.
2. Press the [⏻] key, then quickly press and hold the [M] key until "CAL" is displayed. You may now release the [M] key.
3. Press [M] again. The display will show "CAL" followed by the required calibration weight (see above).
4. Place the required calibration weight onto the center

of the platform. Wait 3-4 seconds. The display should show "PASS", then return to normal weighing.

5. Remove the weight and press [] to turn the scale off. Calibration is complete!

V. 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.

[OUT2] 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	Blade-v2-50	Blade-v2-100	Blade-v2-400
Capacity	50.00g 1.764oz 250.00ct 771.5gn	100.00g 3.528oz 500.00ct 1543.2gn	400.0g 14.11oz 12.86ozt 257.2dwt
Resolution	0.01g 0.001oz 0.05ct 0.1gn (0.2gn minimum)	0.01g 0.001oz 0.05ct 0.1gn (0.2gn minimum)	0.1g 0.01oz 0.01ozt 0.1dwt
Weighing Units	g, oz, ct, gn		g, oz, ozt, dwt
Calibration Weight (not Included)	50g	100g	200g
Platform Dimensions (Inches)	2.75 x 2.75 (Stainless Steel)		
Scale Dimensions (Inches)	2.9 x 2.9 x 0.7		
Power	2 x AAA Batteries (Included)		
Warranty	10 Year Warranty		