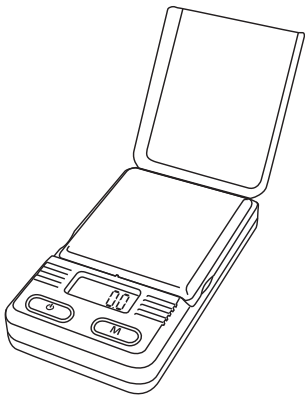# AWS — American Weigh Scales, Inc.

V-500
Digital Pocket Scale

V-500 (500x0.1g)   *User Manual*

V-500 Manual

Thank you for purchasing the American Weigh V-500 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 [⏻] key.
2. Wait until "0.0" or is displayed.
3. Place the object(s) on the weighing platform.
4. By holding the [**M**] key, you can switch between weighing units.
5. The removable lid can also be used as a weighing tray.

II. TARE WEIGHING

1. Turn on scale as described above.
2. Place a tray or container on the scale platform.
3. Press [**M**] and wait until "0.0" or is displayed.
4. You can now add items to the container or tray to obtain just the weight of the contents.

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

       V-500:   500g calibration weight

1. Turn the scale OFF.
2. While holding the [**M**] key, tap the [⏻] key to turn the scale on then release both keys.
3. The display will show a random number, press the [⏻] key again.
4. The display will show "Zero" followed by "500.0g". Place the required weight on the platform then press

the [⏻] key again.

5. The display will show "F" for finished.

6. 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	V-500
Capacity	500.0g / 17.635oz / 16.075ozt / 321.5dwt
Resolution	0.1g / 0.01oz / 0.01ozt / 0.1dwt
Weighing Units	g, oz, ozt, dwt
Calibration Weight (not Included)	500g
Platform Dimensions (inches)	2.0 x 2.2
Scale Dimensions (inches)	2.1 x 3.7 x 0.7"
Power	2 x AAA Batteries (included)
Warranty	10 Year Limited Warranty