AWS American Weigh Scales, Inc.

BT-500
Digital Pocket Scale
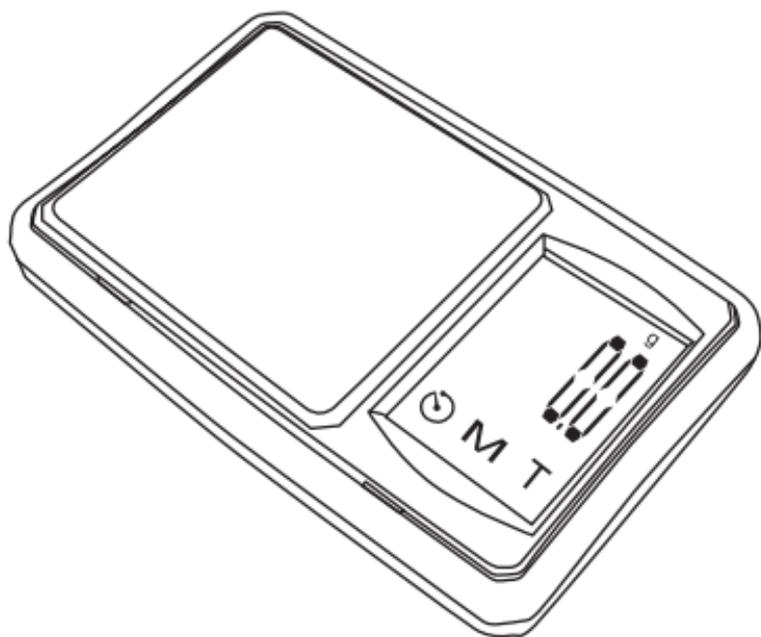
User Manual

Thank you for purchasing the American Weigh BT-500 backlit touchscreen 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 acclimatize 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" is displayed.
3. Put the object(s) on the weighing platform.
4. Using the [M] key, you can switch between 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 a 500g calibration weight for your scale or the calibration will not be accurate

1. Turn ON the scale.
2. Press and hold the [M] key until the display shows "CAL".
3. Press the [M] key once more and the display will flash "CAL" three times, then display "500g".
4. Place the standard 500g calibration weight (not included) onto the platform.
5. The display will show "PASS". Calibration is complete! Press [☼] to turn off the scale.

IV. 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

[EEEEE] Incorrect calibration.
[O-ld] You are overloading the scale. Remove the excessive load immediately!
[Lo] Readjust or replace batteries.
[UnSt] Use the scale in a more stable position

Specifications

Model	BT-500
Capacity	500g / 17.64oz / 16.08ozt / 321.5dwt
Resolution	0.1g / 0.005oz / 0.005ozt / 0.1dwt
Display	5 Digit Backlit LCD (with touchscreen)
Calibration Weight (not Included)	500g
Platform Dimensions (inches)	2.5 x 2.25 "
Scale Dimensions (inches)	4.5 x 3 x 0.75"
Power	2 x AAA (included)
Gross Weight	0.35 lb