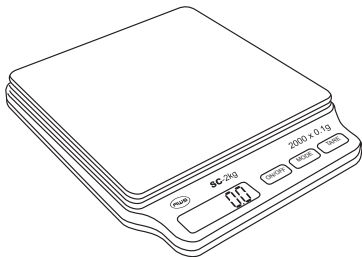




American Weigh Scales, Inc.

# SC-Series

*Digital Pocket Scale*



---

**SC-501** (500x0.01g)  
**SC-2kg** (2000x0.1g)

***User Manual***

## SC-Series Manual

Thank you for purchasing the American Weigh SC-Series digital pocket scale. Please read all operating instructions carefully before use. Scales are precision instruments and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

- Do not exceed the scales maximum capacity. Overloading your scale can permanently damage it!
- Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, recalibration may be necessary.
- Allow your scale to warm up for 30-60 seconds before performing calibration (if available).
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing innacuracy or malfunction.
- Avoid using your scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and cordless phones.
- Always weigh on a flat and level surface, free from vibrations and drafts. The corner of a room is usually the most stable.
- Gently apply all items to be weighed. Do not drop items onto the weighing platform.
- Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.

## **I. SCALE OPERATION**

Place the scale on a horizontal flat surface.

1. Press [ ON/OFF ] key.
2. Wait until “0.0” or “0.00” is displayed.
3. Place the object(s) on the weighing platform.
4. By pressing the [ MODE ] key, you can switch between weighing units.
5. The removable covers can also be used as weighing trays.

## **II. TARE WEIGHING**

1. Turn on the scale as described above.
2. Place a tray or container on the scale platform.
3. Press the [ TARE ] button. “0.0” will be displayed.
4. You can now add items to the container or tray to obtain just the weight of the contents.
5. When the container is removed, a negative number will be displayed. Press [ TARE ] again to zero the scale.

## **III. CALIBRATION**

This scale has come pre-calibrated at the factory. Only re-calibrate if you are experiencing trouble weighing.

**SC-501 uses a 100g and 2x 200g calibration weight**

**SC-2kg uses a 1kg and a 2kg calibration weight**

1. Turn the scale OFF.
2. **For model SC-2kg:** While holding the [ MODE ] key, tap the [ ON/OFF ] key to turn the scale on then release both keys.

**For model SC-501:** While holding the [ TARE ] key, tap the [ ON/OFF ] key to turn the scale on then release both keys.

3. The display will show a random number.
4. Press the [ MODE ] key. The display will show the first required calibration weight.
5. Place the required weight on the scale and press the [ MODE ] button.
6. The display will now show the second required calibration weight.
7. Place the required weight on the scale and press the [ MODE ] button.
8. [SC-501 only] The display will now show the third required calibration weight.
9. [SC-501 only] Place the required weight on the scale and press the [ MODE ] button.
10. The display will show "PASS". Calibration is complete

#### **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

[Lo] Change the batteries.

[OUE2] 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

	SC-501	SC-2kg
Model	SC-501	SC-2kg
Capacity	500g / 17.64oz / 2500ct / 7716	2000g / 70.55oz / 64.30ozt / 1286dwt
Resolution	0.01g / 0.001oz / 0.05ct / 0.2gn	0.1g / 0.01oz / 0.01ozt / 0.1dwt
Weighing Units	g, oz, ct, gn	g, oz, ozt, dwt
Calibration Weight (not Included)	100g, and 2x 200g (calibrates at 100g, 300g, and 500g)	1000g and 2000g
Platform Dimensions (inches)	4.0 x 4.0 " Stainless Steel	
Scale Dimensions (inches)	5.0 x 4.1 x 0.7"	
Power	2 x AAA Batteries (Included)	
Warranty	10 Year Warranty	