



American Weigh Scales

**SR-Series**

**User Manual**



**SR-1KG (1kg x 0.001g)**

**SR-5 (5kg x 0.005g)**

**SR-20 (20kg x 0.01kg)**



## SR-Series Manual

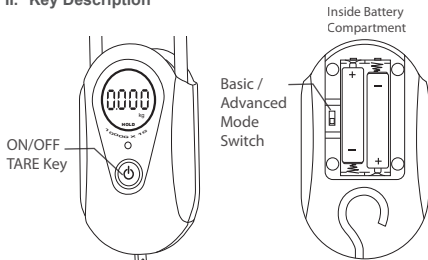
Thank you for purchasing the American Weigh SR-Series digital hanging scale. Please read all operating instructions carefully before use. Scales are precision measuring devices and should always be handled with proper care. To ensure years of reliable service, keep these simple tips in mind:

- Do not exceed the scale's 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, calibration and adjustment may be necessary.
- Allow your scale to warm up for 30-60 seconds before performing calibration and adjustment (if available).
- Store your scale in a clean, dry location. Dust, dirt, and moisture can accumulate on the weighing sensors and electronics causing inaccuracy or malfunction.
- Avoid using your scale in close proximity to strong radio wave emitting devices such as computers, cash registers, and cordless phones.
- Gently apply all items to be weighed. Do not shock load items onto the weighing hook.
- Avoid dropping your scale. The warranty does not cover damage due to rough treatment or overload.
- Check the batteries first if you are having any trouble with your scale. This simple step can remedy most scale issues.
- Do not disassemble your scale. This product contains no user serviceable parts.

## I. Part List



1. Scale
2. AAA Batteries (x2)

## II. Key Description



## III. Basic & Advanced Mode

This scale features two operating modes: Basic and Advanced. To change the operating mode, flip the toggle switch inside the battery compartment up or down:

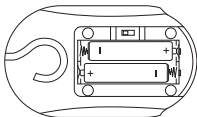
- Down  1. Basic Mode - Weight locks on the display when stable (except SR-1KG). Scale turns off after 60 seconds of inactivity.
- Up  2. Advanced Mode - Weight does not lock when stable. Scale will remain on until powered off manually.

## IV. Battery Installation

1. Before using the scale for the first time, check the battery compartment and remove any plastic

insulation strips or packaging that may be in place to prevent battery drainage during shipping/storage.

2. If you are replacing the batteries, make sure the positive and negative contacts are properly aligned.



### V. Operation

1. Press the  $\odot$  key.
2. Wait for the scale to stabilize (  $\odot$  will be displayed in the bottom left corner of the LCD). Place the item to be weighed on the weighing hook.
3. When the weight is stable, the red light will turn on, and HOLD will be displayed below the weight. (SR-5 and SR-20 only)
4. Remove the object(s) from the hook and tap the  $\odot$  key to re-zero the scale.
5. To turn the scale off, press and hold the  $\odot$  key.

### VI. Changing the Unit of Measure

This scale can read in KG or LB (G/OZ for SR-1). To change the weighing mode, follow these instructions:

1. Press the  $\odot$  key to turn the scale on then release. While the scale shows 8888 press and hold the  $\odot$  key until the current weighing unit is displayed.
2. Now tap the  $\odot$  key to toggle between the available

weighing units.

3. After a couple of seconds of no activity the scale will enter normal weighing mode with the selected unit.
  - **SR-1KG Units:** g (gram) ► oz (ounce)
  - **SR-5, SR-20 Units:** lb (pound) ► kg (kilogram)

## VII. Using the Tare Feature

You can use this scale's tare feature to subtract the weight of an empty container or vessel for net weight determination. NOTE: The weight of the container will subtract from the available capacity.

1. Turn on the scale as described in Section IV.
2. Attach your tare item / empty container using the hook and wait for it to stabilize.
3. Tap the  $\phi$  button. "0.0" will be displayed.
4. You can now add items to the container to obtain just the weight of the contents.
5. When the container is removed the weight will be held on the display. Press  $\phi$  again to zero the scale.

## VIII. Adjustment (Calibration)

Adjustment is performed professionally at the factory. Only advanced users should perform calibration using the required weight if the scale is not weighing properly:

Model	Acceptable Tolerance ( $\pm$ )	Calibration Weight	Recommended Accuracy Class
SR-1KG	2g	1kg	OIML M1
SR-5	0.015kg	5kg	OIML M1
SR-20	0.03kg	10kg	OIML M1

2. Press the  $\text{\textcircled{P}}$  key to turn the scale on.
3. Once the LCD shows "8888" tap the  $\text{\textcircled{P}}$  key five times until a random code displays.
4. Press  $\text{\textcircled{P}}$  again. The display will flash "CAL" followed by the required calibration weight (see chart).
5. Add the required weight to the hook. The display will show pass and return to normal weighing mode.
6. Remove the weight and press and hold the  $\text{\textcircled{P}}$  key to turn the scale off. Calibration is complete!

### IX. Troubleshooting

- **Problem:** Scale will not turn on
- **Solution:** Check the batteries
  
- **Problem:** Display will not stabilize
- **Solution:** Make sure the weight is stable on the hook and not shaking or swinging
  
- **Problem:** Displayed weight is inaccurate
- **Solution:** Perform a calibration adjustment

### X. Error Codes

1. **OUTZ** - Zero setting has shifted. Perform calibration adjustment. If the problem persists, the load cell may be permanently damaged due to overloading.
2. **EEEE** - Maximum capacity exceeded. Remove the extra weight to avoid damaging the load cell.
3. **LLLL** - Load cell has been overloaded.

4. **UNST** - The scale is unstable. Use the scale in a more stable position

## XI. Specifications

	SR-1KG
Max. Capacity	1000g / 35.30oz
Readability	1g / 0.05oz
Min. Capacity	3g / 0.10oz
Power	2 x AAA Alkaline Batteries
Dimensions	4.0 x 2.3 x 0.7
Hook Dimensions	Gap: 0.5in / Throat: 0.5in
Warranty	10 Year Limited Warranty

	SR-5	SR-20
Max. Capacity	5kg / 11lb	20kg / 44lb
Readability	0.005kg / 0.01lb	0.01kg / 0.02lb
Min. Capacity	0.015kg / 0.03lb	0.03kg / 0.06lb
Power	2 x AAA Alkaline Batteries	
Dimensions	4.0 x 2.3 x 0.7	
Hook Dimensions	Gap: 0.5in / Throat: 0.5in	
Warranty	10 Year Limited Warranty	