



American Weigh Scales

SHIP-ELITE

User Manual



**SE-50 (0-20kg x 1g / 20-50kg x 2g)
(0-110lb x 0.1oz)**



SHIP-ELITE

Thank you for purchasing the American Weigh SHIP-ELITE digital shipping 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:

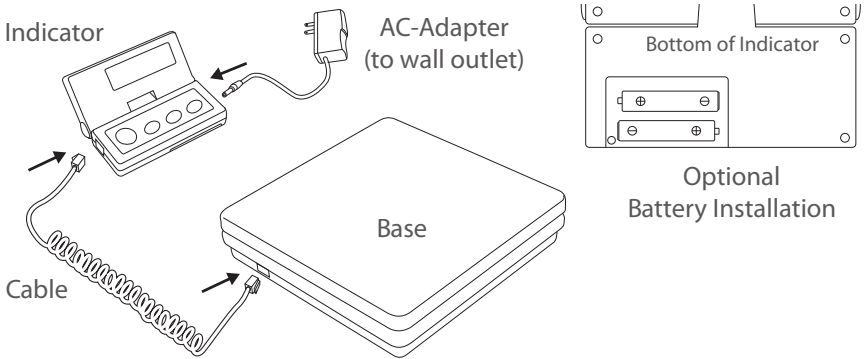
- Do not exceed the scale's maximum capacity. Overloading your scale can permanently damage it!
- Avoid exposure to extreme heat or cold. Scales perform best at normal room temperature. If temperatures have changed dramatically, calibration and adjustment may be necessary.
- Allow your scale to warm 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 two-way radios 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.
- 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

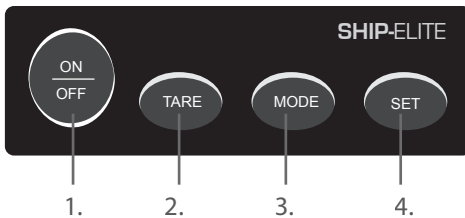
1. Weighing Indicator (Display)
2. Scale Platform (Base)
3. Coiled Cable (to connect Base and Indicator)
4. AC-Adapter
5. AAA Batteries (x2)

II. Indicator Setup

1. Remove the parts from the box.
2. Connect one end of the included cable to the side of the scale platform and the other end to the indicator (display).



III. Key Description



1. ON/OFF Key - Press to turn the scale ON or OFF
2. TARE Key - Rezeros the scale. Used to remove the weight of a container. Decreases value during clock setup.
3. MODE Key - Changes the displayed unit of measure. Increases value during clock setup
4. SET Key - Enters the clock setup mode

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. Place the scale platform on a flat, level surface and press the **ON/OFF** key to turn the scale on.
2. Once the start-up process completes and the scale goes to zero you are ready to weigh.
3. Place the quantity to be weighed onto the weighing platform.
4. Wait a couple seconds for the display to stabilize before taking a weight reading.

VI. Clock Mode

When the scale is turned off, the display will show a clock (Clock Mode). To set the current time, follow these instructions:

1. With the scale turned off (Clock Mode), press the **SET** key.
2. The minutes place will begin to flash. Press the **MODE** key to increase the minutes. Press **TARE** to decrease the minutes. Press **SET** to confirm the minutes.
3. The hours place will begin to flash. Press the **MODE** key to increase the hour. Press the **TARE** key to decrease the hour. Press **SET** to confirm the hour.
4. The clock is now set.

NOTE: Time is displayed when the scale is turned off. Loss of power to the indicator will result in a reset of the clock.

VII. Changing the Unit of Measure

1. Press the **MODE** key to change the scales displayed unit of measure.
2. If the scale is turned off then back on, it will default to the last unit used.
 - **SHIP-ELITE Units:** lb (pound), lb:oz (pound:ounce), kg (kilogram), kg:g (kilogram:gram)

VIII. 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. Place the empty container or vessel on the scale platform.
2. Press the **TARE** key once. The display will then reset to zero. If the container is removed, it's weight will be displayed as a negative number.
3. You may now fill the container with the quantity to be weighed. The display will show tjust the weight of the contents.
4. To return to normal weight display, remove any items from the weighing platform and press the **TARE** key again to re-zero the scale.

IX. Calibration

Calibration and adjustment are performed at the factory. Only advanced users should perform adjustments if there is determined to be a scale error. To check calibration:

1. Place the required calibration weight on the scale and note the displayed value.
2. If the displayed value is not within acceptable tolerance (see chart below), adjustment is required.

Model	Acceptable Tolerance (\pm)	Calibration Weight	Recommended Accuracy Class
SE-50	4g	20kg	OIML M2

X. Adjustment

Do not proceed without a 20kg calibration weight

1. Press and hold the **MODE** key until the display shows "CAL".
2. Press the **MODE** key again. The display will flash "CAL" followed by the calibration weight value (see chart).
3. Place the required calibration weight on the center of the platform.
4. The display will show "PASS" then return to normal weighing mode. Calibration is complete!

XI. Troubleshooting

- **Problem:** Scale will not turn on
- **Solution:** Check the batteries or AC adapter

- **Problem:** Displayed weight fluctuates randomly
- **Solution:** Make sure your workspace is stable and free of any air currents, vibration, or magnetic fields. Static electricity can also cause fluctuations.

- **Problem:** Displayed weight is inaccurate
- **Solution:** Perform a calibration adjustment

XII. Error Codes

1. **OUTZ** - Zero range has shifted. Perform calibration adjustment. If the problem persists, the load cell may be permanently damaged due to overloading.
2. **O-LD** - Maximum capacity exceeded. Remove the extra weight to avoid damaging the load cell.
3. **L** - Batteries are low. Replace the batteries.

	SHIP-ELITE (SE-50)	
Max. Capacity	0-20kg / 0-44lb	20-50kg / 44-110lb
Readability	1g / 0.1oz	2g / 0.1oz
Min. Capacity	4g / 0.2oz	
Power	2 x AAA Batteries or AC Adapter 6V DC 1000mA	
Auto-Off Time	120 seconds of non-use No auto-off when using AC-Adapter	
Platform Dimensions	8.0 x 8.0 x 1.8 in.	
Warranty	10 Year Limited Warranty	