



Poseidon Scale

MODEL WSC-10

Capacity	10 lbs. x 0.1 oz/10 lbs. x 0.005 lbs/10 lbs. x 1/8 oz./5000 g x 1 g 160 oz x 0.05 oz./160 oz. x 1/8 oz.	
Platform Size	6-3/4" x 6" (Standard)	10" x 6 3/4 " (Oversize)
Overall Size	7" x 9" x 2-1/4"	
Power Source	120 volts AC, 60 HZ/230 volts, 50 HZ	Output: 9 volt DC 1.0 A

- Not Legal for Trade -

Operating instructions:

The WSC model scale operates on 4 AA batteries, or a 9-volt power supply (part # S549). The scale has an automatic power off feature. (Which can be programmed to 120 sec., 240 sec., 360 sec., 720 sec., or off) If a battery is used the scale will shut off after the programmed time if no weighing operation is performed.

To install the batteries turn the scale over, open the battery box cover and install 4 AA batteries (observing polarity), and close the cover. If the power supply is used, pull out the plug covering the power jack receptacle, and push the power supply tip in making sure the two pieces are properly aligned for a tight seal.

Turn on the scale by depressing the "on/off" switch. Scale readout will show all 8's for approximately 5 seconds and then the zero reading. If the scale is overloaded a series of horizontal lines will be displayed. If a load is placed on the scale platform, the weight of this load is shown on the scale display in the units in which the scale is weighing. You can change the weighing mode by pressing the "Units" button. This load can now be "tared out" i.e. shown as zero on the scale display, by depressing the "Tare" button. If an additional load is then placed on the platform, the weight of this additional load can also be "tared out" by depressing the "Tare" button. This tare operation can be repeated up to the capacity of the scale.

If the total load is now removed from the platform, the weight of the total load will be shown as a negative value on the scale display. This negative value can now be removed from the display by depressing the "Tare" button. Depressing the "on/off" button at any time will turn the scale off.

Additional Scale Options

This scale has the patent pending (Self-Calibration) feature. After entering the calibration mode, turn the scale over, and it calibrates itself. The scale uses its own weight, and the four AA batteries, as the total calibration weight. The power supply must be unplugged when recalibrating the scale. If it is not the accuracy of the scale will be affected. Any debris on the scale will also affect the accuracy of the Self-Calibration feature.

To enter the calibration mode, perform the following steps:

- 1) With the scale in the off position, press and hold both the “TARE” and “UNITS” buttons, and then press the “ON/OFF” button, the display shows “CAL”.
- 2) Press the “TARE” button and the display will read “CAL 0” and a LED on the bottom of the scale underneath the display will turn on.
- 3) It takes approximately 5 seconds for the scale to reset the zero point, then the display will change from, “Cal 0” to flashing “SC” for (self-calibration).
- 4) Turn the scale upside down.
- 5) The scale will continue to flash “SC” and the green LED on the bottom of the scale will be illuminated. It may take several seconds for the scale to calibrate. The green LED will turn off, when the calibration is complete.
- 6) When the LED turns off, flip the scale back over and the display will show “Cal F”. Press the “TARE” button and the scale will return to the normal weighing mode.
- 7) If the scale shows “Cal E”, repeat steps 1-6.

Procedure for units disabling:

The Model WSC scale will weigh in the six following units: lb.-decimal oz., lb.-decimal lb., lb.-fractional oz., grams, oz.-decimal oz., & oz.-fractional oz. You can disable some of these weighing modes by using the buttons on the keypad. To do so the following procedure will be used:

- 1) With the scale in the off position, press and hold both the “TARE” and “UNITS” buttons, and then press the “ON/OFF” button, the display shows “CAL”.
- 2) Press the “UNITS” button once and “UNIT” is shown on the display.
- 3) Press the “TARE” button until the unit type that you wish to disable is shown on the display.
- 4) Press the “UNITS” button to disable the unit displayed. The display will show “OFF” and the next weighing mode will be displayed.
- 5) Repeat steps 3 & 4 for the other units that you want to disable.
- 6) Before the scale is turned off, the scale must be programmed to set the mode or units that you want to show when the scale is first turned on. (If you are only using one weighing unit, disregard this step.) Using the “TARE” button, select a weighing mode or units to be shown first when the scale is turned on.
- 7) Press and hold the “TARE” button and then press the “UNITS” button and the display will show “END” and automatically return to the weighing mode.
- 8) Shut the scale off and turn it back on again using the “ON/OFF” button, the scale will start in the weighing mode or unit that was selected in the previous step.
- 9) If you wish to change the units that are disabled, repeat steps 1 thru 8.
- 10) If you wish to have all the units be displayed, repeat step 1 and then steps 6 thru 9.

Change gravity setting:

- 1) With the scale in the off position, press and hold both the “TARE” and “UNITS” buttons, and then press the “ON/OFF”, button the display shows “CAL”.
- 2) Press the “UNITS” button twice to get to the gravitational acceleration setting mode. The display will show the gravity.
- 3) Press the “TARE” button and the display will show “9.788” then the number behind the decimal point will flash.
- 4) Press the “TARE” button and the numbers will cycle up one number each time that the “TARE” button is pressed. Stop at the new gravity setting number.
- 5) Press the “UNITS” button to move to the next number to the right to be changed.
- 6) Press the “TARE” button to cycle the number up from the old number to a new number each time that the “TARE” button is pressed. Stop at the new setting number.
- 7) Repeat steps 6 and 7 until all the digits have been changed as required.
- 8) When all the numbers have been correctly changed, press and hold the “TARE” button and press the “UNITS” button. The display will show “END” and will return to the weighing mode.

Automatic shutoff for battery programming:

- 1) With the scale in the off position, press and hold both the “TARE” and “UNITS” buttons, and then press the “ON/OFF” button, the display shows “CAL”.
- 2) Press the “UNITS” button three times to get into the automatic battery shutoff setting mode.
- 3) The display will show “AOFF”. Press the “TARE” button to begin selection of the battery automatic shutoff time. The display will show 120.
- 4) Press the “UNITS” button to toggle through the available automatic battery shutoff times. The selections are 120 seconds, 240 seconds, 360 seconds, 720 seconds, or OFF.
- 5) When the desired shutoff time is shown, press the “TARE” button. The display will show “END” and will return to the weighing mode.

Calibration offset feature:

This feature is used to compensate the scales calibration weight up to (+/- 9.9 OZS.). The offset value is preset at the factory and does not need to be adjusted under normal use. However, if after self-calibration the scale does not weigh accurately, this setting may need to be adjusted. If the scale is under weighing you will increase the offset value and if it is over weighing you will decrease the offset value. Try one tenth of an ounce at a time.

- 1) With the scale in the off position, press and hold both the “TARE” and “UNITS” buttons, and then press the “ON/OFF” button, the display shows “CAL”.
- 2) Press the “UNITS” button four times and “OFFS” is displayed.
- 3) Press the “TARE” button, and “+ 0.0” is displayed. The positive sign will be flashing.
- 4) Press the “TARE” button to change the positive sign to a negative sign or a negative sign to a positive sign.
- 5) Press the “UNITS” button and the left hand side digit will start flashing.
- 6) Press the “TARE” button to increment the digit.
- 7) Press the “UNITS” button and the right hand side digit will start flashing.
- 8) Press the “TARE” button to increment the digit.
- 9) After entering the appropriate value, press the “TARE” and “UNITS” buttons and “END” is displayed and the value will be saved.

Care and use:

This scale has been designed to be submersed in water for easy cleaning. Unplug the scale and snap in the power jack plug. The scale is ***not*** dishwasher safe. The use of this scale under heat lamps or near steam tables could damage or destroy the electronic circuitry. Using the platform as a cutting surface is also not recommended as any high impact to the underlying load cells can reduce their accuracy and functional life.

Warranty:

Edlund scales are warranted against defects in material and workmanship for a period of one year from the date of purchase. During the warranty period, Edlund will repair or replace at its option, at no charge, defective parts provided the customer calls 1-800-772-2126 for a return authorization number (RA#) and the scale is returned in an adequately protecting shipping carton. Please mail to the Edlund Company Service Dept., 159 Industrial Parkway, Burlington, VT 05401.

Note: This warranty does not apply to any scale damaged by accident or misuse, exposed to corrosive materials or as a result of service modification by persons other than the Edlund Service Department. The Edlund Company gives no other expressed or implied warranty.