Electronic Receiving Scales

MODEL ERS-60/150/300

Capacity   **Model ERS-60 (60.0 lbs. X 0.25 ozs., 30.0 Kg X 5 G)**
Model ERS-150 (150.0 lbs. X 0.05 lbs., 75.0 Kg X 0.02Kg)
Model ERS-300 (300.0 lbs X 0.1 lbs., 150.0 Kg X 0.05 Kg)

Platform Size   **Model ERS-60/150 (12" X 12-1/2")**
Model ERS-300 (19-3/4" X 25-3/4")

Overall Size   **Model ERS-60/150 (12" X 12-1/2" X 2-1/2")**
Model ERS-300 (19-3/4" X 25-3/4" X 4 ")

Power Source   **120 VAC, 60 HZ/230 VAC, 50 HZ   Output: 12VDC** 1000ma

-Not Legal for Trade –

Operating instructions:

The ERS model scale operates on 6xAA batteries, or a 9-volt power supply (part # PS5005). 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 display over, open the battery box, install 6xAA batteries (observing polarity), and close the cover. If the power supply is used, push the power supply tip into the jack orifice, 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 "Hold/Mode" 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.

To use the "Hold" button, place weight on the platform, then press the "Hold" button until the weight starts blinking. Release the button, and remove the weight from the platform the display. The values will still show the amount that was on the platform. To remove, just press the "Tare" button and the display returns to zero.

Other Scale Options

To enter the calibration mode, perform the following steps:

1) With the scale in the off position, press and hold both the "**TARE**" and "**HOLD/MODE**" keys, and then press the "**ON/OFF**" key, the display shows "**CAL**".
2) Press the "**TARE**" key and the display will read "**CAL 0**".
3) Press the "**TARE**" key once, or wait a few seconds and the correct calibration weight appears and flashes on the display (**ERS-60 is 10.0 Kg / ERS-150 is 25.0 Kg / ERS-300 is 50.0 Kg)**
4) Place the correct calibration weight gently on the platform. When calibration is complete, the scale will briefly display "**CAL F**" and then return to the weighing mode. You may re-zero the scale by pressing the "**TARE**" key.

If no weight is placed on the platform the scale will return to the normal weighing mode after 15 seconds. Note: If "**CAL E**" appears, this indicates that a calibration error has occurred and the calibration process must be repeated. "**CAL E**" can occur when the calibration steps are not followed in the correct order or due to the addition of an incorrect calibration weight. "**CAL E**" will remain on the display until the scale is shut off using the "**ON/OFF**" key and the scale will revert to the previous calibration settings. The calibration procedure must be repeated in order to change the scale calibration settings.

Procedure for units disabling:

The Model ERS-60 scale will weigh in the following two units: lb.-decimal oz., & grams,. The ERS-150/300 scales will weigh in the following two units: lbs & Kilograms. 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 "**HOLD/MODE**" buttons, and then press the "**ON/OFF**" button, the display shows "**CAL**".
2) Press the "**HOLD/MODE**" 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 "**HOLD/MODE**" 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 "**HOLD/MODE**" 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.

Automatic shutoff for battery programming:

1) With the scale in the off position, press and hold both the "**TARE**" and "**HOLD/MODE**" buttons, and then press the "**ON/OFF**" button, the display shows "**CAL**".
2) Press the "**HOLD/MODE**" button twice 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 "**HOLD/MODE**" button to toggle though 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.

Care and use:

Remove residues from scale exterior with moist cloth, taking care that no liquid is allowed to enter the case. Internal moisture, use under heat lamps or use 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. (www.edlundco.com)
Note: This warranty does not apply to any scale damaged by accident or misuse, exposed to radioactive or corrosive materials or as a result of service modification by other than Edlund Service Department. The Edlund Company gives no other expressed or implied warranty.