

RS-130 Retail Scale Calibration Instruction Sheet



Authorized distributors and their employees can view or download this manual from the Rice Lake Weighing Systems retail distributor site at www.ricelakeretail.com.



Warning

Procedures described require work inside the scale enclosure. These procedures are to be performed by qualified service personnel only.

Weight Calibration

Follow the steps below to complete the calibration process.

1. Turn on power and press the **CHANGE** key at the same time until the **WEIGHT** display shows 6.3 and **UNIT PRICE \$** display shows -3-.
2. Press and hold the **ZERO** key until the **WEIGHT** display shows *SETUP*.
3. Press the **ZERO** key to enter calibration mode. **WEIGHT** display flashes *CAL-1* and shows *UNIT 1*.

NOTE: The **WEIGHT** display will not flash *CAL-1* if jumper JP1 is in the disable position. See “Setting JP1 to the Enable/Disable Position” on page 2 if the **WEIGHT** display will not flash *CAL-1*.

4. Press the **CLEAR** key to select the weight unit (default is kg) to be used for calibration.
 - Unit 1 - kg (annunciator above kg lit in the **UNIT PRICE \$** display)
 - Unit 2 - lb (annunciator above lb lit in the **UNIT PRICE \$** display)
 - Unit 3 - oz (annunciator above oz lit in the **UNIT PRICE \$** display)
5. Press the **CHANGE** key to accept the weight unit. The **WEIGHT** display shows:
 - 00.000 (kg)
 - 000.00 (lb)
 - 0000.0 (oz)
6. Press the • key to shift and the **CLEAR** key to modify the flashing digit. For example, If you use a 30lb standard weight to calibrate; use the • key to shift the flashing digit to 000.00 and use the **CLEAR** key to set the digit to 030.00.
7. Press the **CHANGE** key and wait for the **WEIGHT** display to show 000000 and the **UNIT PRICE \$** display to show the internal offset value at (xxxxx.)
8. Place selected weight from step six on the platter. **WEIGHT** display shows the internal span value and **UNIT PRICE \$** display shows the internal offset value at (xxxxx.)
9. Wait for the span value to become stable, then press the **CHANGE** key. Wait for the **WEIGHT** display to flash *good* (twice), quickly remove the weight from the platter. After automatic restart, finish calibration.
10. Disable JP1 to maintain NTEP approval See “Setting JP1 to the Enable/Disable Position” on page 2.

Setting JP1 to the Enable/Disable Position

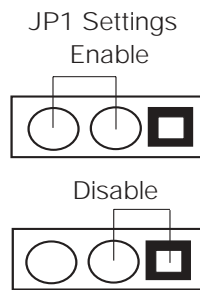


Figure 1. JP1 Settings

Follow the steps below to set jumper JP1 to the enable or disable position.

1. Remove platter and plastic in-use cover
 2. Remove lead-seal located in the center of the base
 3. Remove the 4 screws from the base of the scale
 4. Lift the top away from the base toward the operator side
- NOTE:** Open slowly, cables are attached.
5. To reassemble the scale, reverse the steps above.

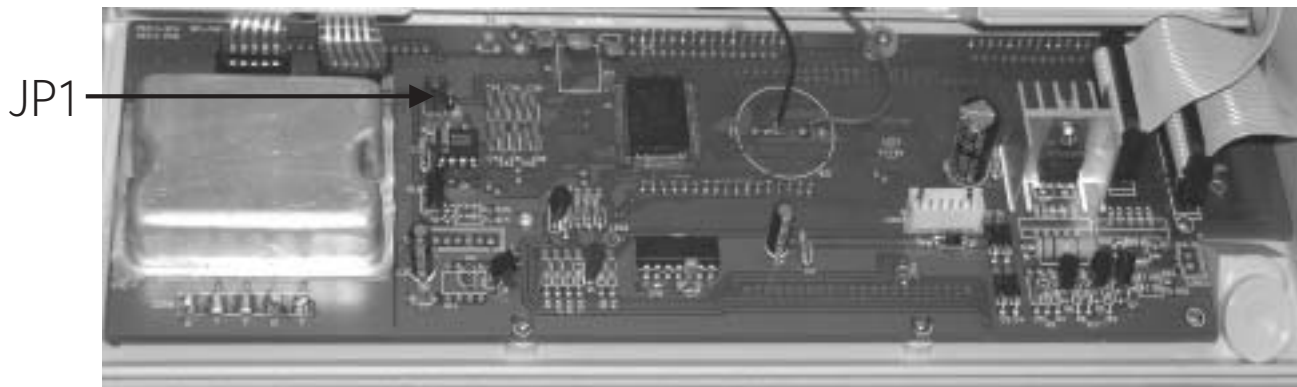


Figure 2. Jumper JP1 Location