

# CALIBRATION

## **Calibration**

Your scale has been factory calibrated and does not require calibration prior to use. The following procedure should be performed only to correct any error in calibration. Calibration is protected by a security code to avoid inadvertent access. For maximum accuracy, calibration must be done in grams. If you only have certified weights in pounds, convert them to grams (i.e. 10 pounds = 4536 grams).

## **Scale Calibration**

1. Press the **ON/ZERO** button on the console and wait for the display to show "0.0".
2. Place an accurately known certified weight (3,000 to 5,000 grams. recommended) on the platform. If the display reads other than the known weight value by +/- 1 gram, then the scale is out of calibration.  
***IMPORTANT NOTE:** A certified weight is a weight that has been accurately calibrated and its license is traceable to NBS weights & measures. Weight room free weights are **not** normally suitable to use as check weights as they may vary from their stated value.*
3. Remove weight from platform. The calibration security code must be entered before attempting to calibrate the scale. Hold the **MENU** button down and press **RECALL** button. Release both buttons. "Set-0" will be displayed and the "0" will be flashing.
4. Press the ▲ button repeatedly until "Set-2" appears. Press the **ENTER** button.
5. Use the ▲ and ▼ keys to input "125" as the calibration security code. Press **ENTER** to advance to the next digit. After entering the third digit, press **ENTER** and the scale will return to normal weighing mode. The security code needs to be entered only once, unless the scale is powered off. Access to calibration is denied if the proper code is not entered.
6. With the known weight on the scale, press **REWEIGH**. Quickly, before WeightLock activates, hold the **MENU** button down and press **RECALL** button. Release both buttons. "Set-0" will be displayed and the "0" will be flashing.
7. Press the ▲ button repeatedly until "Set-6" appears. Press the **ENTER** button.
8. A weight value will display representing the current calculation of the known weight. The hundreds of pounds digit will be flashing. Use the ▲ and ▼ keys to input the proper value. Press **ENTER** to advance to the next digit. After entering the tenths of pounds digit, press **ENTER** and "-CAL-" will display while the scale calibrates itself.
9. The readout will then quickly show the old weight, then re-weigh to show the new calibration weight.
10. Remove weight and press the **ON/ZERO** button. Wait for "0.0" to display and verify calibration by placing the same known weight back on the platform.

## **Calibration Error Code**

"Err-4" Scale is below minimum calibration weight. Use at least 1000 grams to calibrate the scale.