



Calibration Procedures

Transcell TI-500 Series of Digital Indicators

1. Turn the indicator off.
2. Remove the 1" x 1" cover plate on rear or bottom of the indicator to expose the "Programming Mode" switch.
3. Move the switch to the opposite position.
4. Turn on the indicator. The indicator will display F1.

Calibrating the scale to Zero.

The scale must be calibrated at two points – Zero, and some other weight. The following steps calibrate the scale at zero pounds.

1. With "F1" displayed on the indicator, use the arrows on the keypad (Below the main function buttons), to go to F16.
2. When the display reads "F16," push the "Zero" button once. A value appears on the screen. It should be stable but it will not necessarily be "0."
3. Push the "Zero" button again. The display will now show "0".
4. Push the middle "Set" button. This returns you to F16.

Calibrating the scale with a known weight.

Now that you have "defined" zero, you must calibrate the scale at a known weight. To do this, you must either use a test weight, or an object that you know the weight of. Your test weight should weigh at least 100lbs. The closer your test weight is to the midpoint of the maximum calibrated weight, the better.

1. Using the right arrow, go to F17.
2. With your known weight **off** of the scale, Push the "Zero" button once. The indicator should display a flashing zero in the "one's" column. Use the Left/Right Arrow Keys to move between the 1's, 10's, 100's and 1000's columns and use the Up/Down Arrow Keys to increase or decrease the value of each column. Change the value to that of your known weight.
3. Place your known weight on the scale.
4. Press the "Set" button. The indicator will readjust, then return you to F17.
5. With your known weight still on the scale, return the "Programming Mode" switch to the "Run" position. The indicator will restart and display the weight of your known weight.

Your scale is now calibrated.