

TCS3T CALIBRATION PROCEDURE

Your TCS3T counting scale is ready to use right out of the box. There is no need to calibrate the scale unless you feel that the scale has become inaccurate. It is a good idea to check the calibration of your scale from time to time with a precision test weight.

CALIBRATION OVERVIEW

The scale is calibrated by following the procedure below. In order to proceed, you must have a known test weight. The minimum test weight that can be used is 1% of scale capacity. However, Transcell recommends using 2/3 of scale capacity as the calibration test weight. For example, you should use 20 pounds to calibrate a 30 pound scale.

CALIBRATION PROCEDURE

1. Remove all items from the platter and turn the scale OFF. Press and hold the **ZERO/UNIT** key while turning the scale back ON.
2. When the scale displays dashes (" - - - -"), you may release the **ZERO/UNIT** key.

The WEIGHT display area will show "C 0".

The PIECES display area will show an internal measurement value.

3. Press the **ZERO/UNIT** key to zero the value shown in the PIECES display area.
4. Press the **M+** key to save the zero point value.

The WEIGHT display area will show "SET" briefly followed by "C 1".

The UNIT WEIGHT display area will show "0.000" or "0.0000" depending on model.

5. Place a known test weight onto the scale platform.
6. Use the front panel number keys (0-9) to key-in the actual test weight value. This value will appear in the UNIT WEIGHT display area.

There is no need to enter a decimal point, since it is fixed on the display. If you make a mistake, press the **CE** key to clear your entry and start over.

7. After setting the exact value to match your test weight, press the **M+** key to save the value.

If the calibration was successful, the scale will show "SET" momentarily, and then revert back to normal operation mode. Calibration is complete.

If the calibration was *not* successful, one of the error messages below will appear. Take the indicated action to correct the problem, and then perform a new calibration.

"Err0" - The calibration test weight or the keyed-in weight value is larger than the full capacity of the scale. For example, you may have attempted to use 50 pounds to calibrate a 30 pound scale. Change the calibration test weight or check the input data.

"Err1" - The calibration test weight or the keyed-in weight value is smaller than 1% of the full capacity of the scale. For example, you may have attempted to use 0.5 pounds to calibrate a 60 pound scale. Change the calibration test weight or check the input data.

"Err2" - The scale cannot be calibrated due to an unexpected internal measurement value. You may have placed the wrong test onto the platform (too light) or there is an internal fault with the scale. Please call technical support for help.