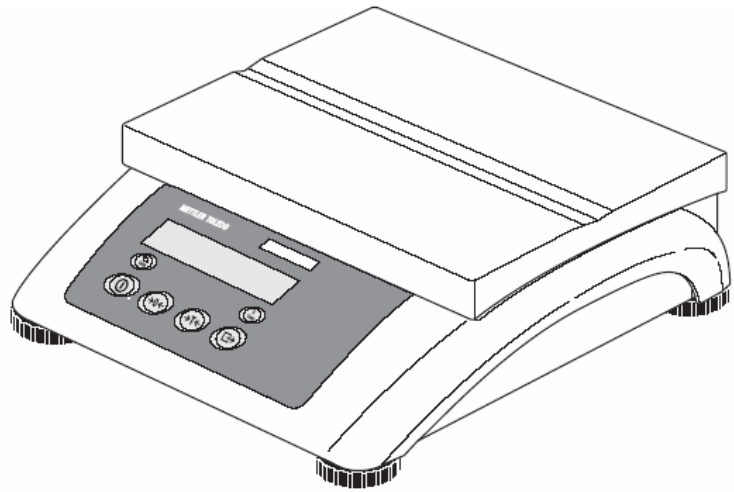


Scale Calibration in Supervisor Access: Basic, Count, Count+, Smart+.

The 4-Series has the feature of user calibration, which allows the user with the Supervisor password to calibrate the scale. This is different from the Technician calibration, which has full access to all scale setup features.

In this demo we will perform an external (external weights are used) calibration on a 4-Series Basic model BBA422-6 PM in Supervisor setup mode.



Our demo uses a 6 kg scale setup in the standard configuration of 6 kg capacity and readability of 0.0005 kg. The customer uses metric calibration weights.

- Before calibrating the scale it is good practice to empty scale, make sure the scale is level and that there is no interference from material touching the scale.
- Access the Supervisor mode by pressing and holding the PRINT key until the message "CODE" is displayed, release the PRINT key.
- Key in the Supervisor password, followed by touching the PRINT key.
 - The 4-Series Basic scale is shipped from factory with an empty supervisor password, in which you need press only the PRINT key.
 - If a Supervisor password has been created, use this password.
- The first menu in the Supervisor setup is SCALE, which we want, touch the PRINT key.
- The first menu item under SCALE, is CAL, which we want, touch the PRINT key.

- The scale will flash “ - 0 – “, prompting us to empty the scale, which we already did. The scale will reference the zero reading but will not adjust the calibrated zero value. The scale must be within approximately 5% of the calibrated zero value to proceed, otherwise the scale will continue to flash “ - 0 - “. To cancel the calibration, touch the ON/OFF key.
- The scale display will flash a suggested calibration weight, this will be the largest weight value possible based upon the scale capacity (the scale capacity that was set in Technician mode “Scale Build”). For our demo the suggested weight is 6.000 kg.
 - We can change this weight value by touching the TARE key to scroll through a list of calibration weight values. For our demo the list of values is: 6.000 kg, 5.000 kg, 4.500 kg, 4.000 kg, 3.500 kg, 3.000 kg, 2.500 kg, 2.000 kg, 1.500 kg, 1.200 kg, 1.000 kg, 0.900 kg, 0.800 kg, 0.700 kg, 0.600 kg, 0.500 kg, 0.400 kg, 0.300 kg, 0.200 kg and 0.100 kg. A large selection that should work for the customer.
 - **DO NOT TOUCH THE PRINT KEY** until you have loaded the calibration weights on the scale.
 - Load the correct value of calibration weights on the scale.
 - Touch the PRINT key.
 - The scale calibrates itself and displays “ – donE - “, and advance to the next menu step, “dISPLAy”
 - Touch the ON/OFF key to short cut the setup menu and exit, at the “End” prompt touch the PRINT key, at the “SAVE” prompt touch the PRINT key.
 - Scale is now in normal operating mode.
 - Remove the calibration weights.

Notes: If the customer weights are in a different unit of measure, lb instead of kg, this can be changed in the DISPLAY section of the SCALE menu. The supervisor calibration uses the display unit 1 setting.

End of demo.