

Addendum to the 777 and 788 Operation Manuals

New Calibration Modes Available

Beginning with version 3.6 of the 777 and 788 Programmable Weight Indicator firmware and version 1.1 of the 778A SIB card firmware, there are two more calibration modes available, single-point for span only and single-point for zero only.

Single-Point for Span Only (Last Zero)

This calibration method requires one test weight and establishes a new conversion factor (span) without affecting the zero calibration value stored during the last calibration. This minimizes placing and removing test weights. This method uses two calibration points, **CAL WT 1** and **CAL WT 2**. The value of the test weight is entered when **CAL WT 1** is displayed and the [**ESC**] key (the [**FNCT**] key for 777 indicators) is pressed when **CAL WT 2** is displayed.



NOTE! For this mode of calibration to be available, there must have been a zero calibration value stored in the 778A card at some point in the past. This is done as part of the dual-point calibration if the 778A card firmware is version 1.1 or later.

To do a single-point for span only calibration, proceed with the usual setup steps. When the screen shows **CAL WT 1**, place the test weights on the scale platform. Use the keypad to enter the value of the test weights and press the [**ENTER**] key.

After a few seconds, the screen will prompt **CAL WT 2**. Press the [**ESC**] key (the [**FNCT**] key if the indicator is a 777). The display will change to **FINE SPAN ADJUSTMENT**. Following the steps outlined in the 777 or 788 Operation manual, continue with the remainder of the calibration procedure.

Single-Point for Zero Only (Only Zero)

This calibration method requires only an empty scale and establishes a new zero without affecting the conversion factor (span). This is useful to regain the full range of zero limit when the dead load of the scale has changed. This would occur, for example, if a guard rail has been added to the scale platform. This method uses two calibration points, **CAL WT 1** and **CAL WT 2**. A value of zero is entered when **CAL WT 1** is displayed and the [**ESC**] key (the [**FNCT**] key if the indicator is a 777) is pressed when **CAL WT 2** is displayed.

To do a single-point for zero only calibration, proceed with the usual setup steps. When the screen shows **CAL WT 1**, empty the scale platform. Use the keypad to enter 0 and press the [**ENTER**] key.

After a few seconds, the screen will prompt **CAL WT 2**. Press the [**ESC**] key (the [**FNCT**] key if the indicator is a 777). The display will change to **FINE SPAN ADJUSTMENT**. Following the steps outlined in the 777 or 788 Operation manual, continue with the remainder of the calibration procedure.

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