X320 Checkweighing Quick Reference

Objective:

This quick reference is meant to be a guide to demonstrate quick setup and operation of the X320 indicator for check weighing applications.

Configuration:

The check weighing functionality of the X320 is not enabled by default. The following image is captured from the view300 software and represents typical setup parameters for enabling the check weighing function. The same parameters and menu structure exist when configuring the indicator through the front keypad as well.

BUILD:
The BUILD Menu is utilized to establish the capacity and resolution for the scale. (In this example we have configured the scale for 10 lb capacity and 0.001 lb resolution.

SPEC: KEY.FN:
KEY.FN is utilized to establish the functionality assigned to the FUNCTION key while in weighing mode. We are setting this to CHECK.W to allow the FUNCTION key to be used in weighing mode to quickly establish our OVER and UNDER targets.

CHECK.W:
The CHECK.W menu is utilized to enable the check weighing functions of the X320.

The SRC setting is used to establish the source reading for the check weighing band. Options available are GROSS WEIGHT, NET WEIGHT, or DISPLAYED WEIGHT.

OVER and UNDER are utilized to establish the check weighing band.
In this example we have established a target weight of 6.000 lb with a tolerance of +/- 0.1% (or +/- 6 divisions).

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Operation:

The following chart outlines the operation of the X320 when the check weighing feature is enabled and the FUNCTION key is assigned to CHECK.W. The functionality described occurs when the scale is in weighing mode. *Not in the setup menu*

• Briefly pressing and releasing the <CHECK.W> key will display the current check weigh band (range). The following will be displayed: ◆ OVER followed by the over target weigh Then… ◆ UNDER followed by the under target weight	**FUNCTION** <CHECK.W> (Quickly pressed and released)
• Pressing and holding the <CHECK.W> key for 2 seconds will allow the operator to alter the OVER and UNDER target values. The following will occur: ◆ Press and hold <CHECK.W> key for 2 seconds… ◆ OVER is displayed briefly, followed by a prompt to assign the new target value. *Single flashing 0(zero) on left side of display* ★ Use the GROSS/NET and PRINT keys to alter the target weight. *The GROSS/NET key will change the position of the flashing digit and the PRINT key will change the value of the flashing digit.* ◆ Press the <CHECK.W> key to accept the value. Then… ◆ UNDER is displayed briefly, followed by a prompt to assign the new target value. ◆ Again use the GROSS/NET and PRINT keys to alter the target weight. ◆ Press the <CHECK.W> key to accept the value and return to weighing.	**FUNCTION** <CHECK.W> (Press and hold 2 seconds…) **GROSS / NET** **PRINT** (Alter target value…) **FUNCTION** <CHECK.W> (Accept value…)