

# CALIBRATION

This scale has been factory calibrated, and does not require calibration prior to use.

Calibration of your 3001KL-AM/3001KL-AMX scale can be performed using calibrated kilogram (kg) or pound (lb) weight standards. The required calibration standard will be the Unit of Measure (UOM) for which the scale is configured.

Because the scale is shipped from the factory in “KG” mode, the requested UOM for calibration will be the KG standard (e.g., 400kg). If the unit is to be calibrated with LB weight standards, the scale must first be configured to the “LB” UOM. Refer to the **Unit of Measure Configuration** section on page 12 for configuration details.

**Note:** Only weights certified and traceable to national standards are to be used for calibration.

**Warning:** Always ensure that the scale is returned to the correct UOM after scale calibration.

Operator Action	Display
1. Ensure the display is powered off, then press and hold the <b>HOLD/RELEASE</b> and <b>ZERO</b> button while pressing the <b>ON/OFF</b> button. (Two alphanumeric characters will appear next to “U” followed by 4-5 characters.)	U”XX” followed by a 4-5 digit ‘idle scale count’ number.
2. Press the <b>ENTER</b> button.	“CAL”.
3. Make sure there is nothing on the scale, then press the <b>ENTER</b> button.	“Clear” followed by "400.0 KG" (in KG mode) or “0400.0 LB” (in LB mode)
4. Use the ► and ▲ buttons to set the calibration weight to a value other than the default weight. The calibration weight should be as high as possible, with 270 KG/400 LB as a minimum calibration weight.	Shows "400.0 KG" (in KG mode) or “0400.0 LB” (in LB mode) or entered calibration weight.
5. Press the <b>ENTER</b> button.	Displays “Load” followed by "400.0 KG" (in KG mode) or “0400.0 LB” (in LB mode)
6. Load the scale with the required weight.	Display increments showing raw weight data.
7. Without touching or shaking the scale, allow the display to stabilize, then press the <b>ENTER</b> button.	“SUCC” or “Err1”.
8. If the calibration is successful, the display will show SUCC and power off. If the calibration is not successful, the display will show Err1 and power off. Contact customer service for an “Err1” display (+1 800-638-3722).	-----