

3.2.1 Configuration Menu

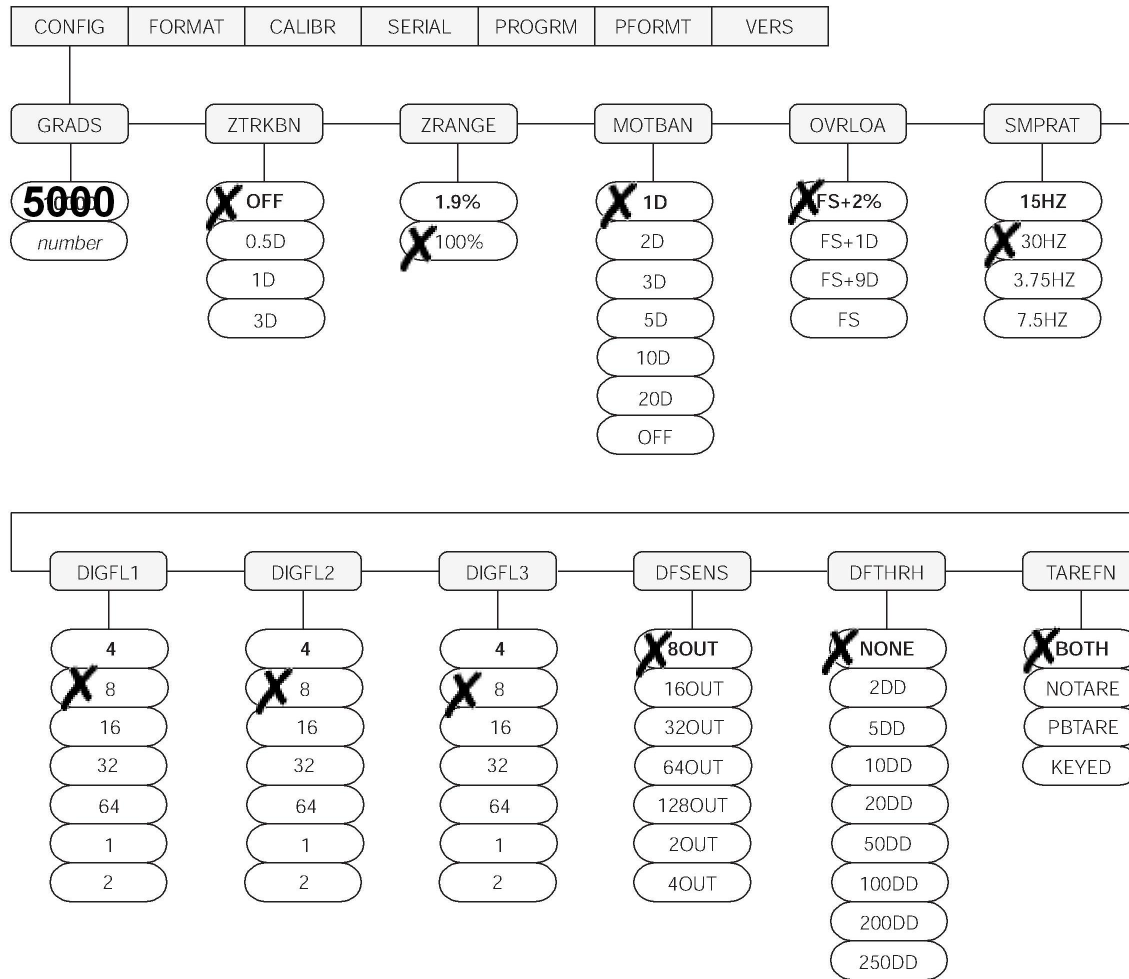


Figure 3-5. Configuration Menu

CONFIG Menu		
Parameter	Choices	Description
Level 2 submenus		
GRADS	10000 <i>number</i>	Graduations. Specifies the number of full scale graduations. The value entered must be in the range 1–999 999 and should be consistent with legal requirements and environmental limits on system resolution. To calculate GRADS, use the formula, $GRADS = Capacity / Display Divisions$. Display divisions for primary and secondary units are specified on the FORMAT menu.
ZTRKBN	OFF 0.5D 1D 3D	Zero track band. Automatically zeroes the scale when within the range specified, as long as the input is within the ZRANGE and scale is at standstill. Selections are \pm display divisions. Maximum legal value varies depending on local regulations.
ZRANGE	1.9% 100%	Zero range. Selects the range within which the scale can be zeroed. The 1.9% selection is $\pm 1.9\%$ around the calibrated zero point, for a total range of 3.8%. Indicator must be at standstill to zero the scale. Use 1.9% for legal-for-trade applications.

Table 3-2. Configuration Menu Parameters

CONFIG Menu		
Parameter	Choices	Description
MOTBAN	1D 2D 3D 5D 10D 20D OFF	Motion band. Sets the level, in display divisions, at which scale motion is detected. If motion is not detected for 1 second or more, the standstill symbol lights. Some operations, including print, tare, and zero, require the scale to be at standstill. Maximum legal value varies depending on local regulations. If OFF is selected, ZTRKBN is disabled.
OVRL0A	FS+2% FS+1D FS+9D FS	Overload. Determines the point at which the display blanks and an out-of-range error message is displayed. Maximum legal value varies depending on local regulations.
SMPRAT	15HZ 30HZ 3.75HZ 7.5HZ	Sample rate. Selects measurement rate, in samples per second, of the analog-to-digital converter. Lower sample rate values provide greater signal noise immunity.
DIGFL1 DIGFL2 DIGFL3	4 8 16 32 64 1 2	Digital filtering. Selects the digital filtering rate used to reduce the effects of mechanical vibration from the immediate area of the scale. Choices indicate the number of A/D conversions that are averaged to obtain the displayed reading. A higher number gives a more accurate display by minimizing the effect of a few noisy readings, but slows down the settling rate of the indicator. See Section 8.6 on page 37 for more information on digital filtering.
DFSENS	8OUT 16OUT 32OUT 64OUT 128OUT 2OUT 4OUT	Digital filter cutout sensitivity. Specifies the number of consecutive readings that must fall outside the filter threshold (DFTHR0 parameter) before digital filtering is suspended.
DFTHR0	NONE 2DD 5DD 10DD 20DD 50DD 100DD 200DD 250DD	Digital filter cutout threshold. Specifies the filter threshold, in display divisions. When a specified number of consecutive scale readings (DFSENS parameter) fall outside of this threshold, digital filtering is suspended. If NONE is selected, the filter is always enabled.
TAREFN	BOTH NOTARE PBTARE KEYED	Tare function. Enables or disables push-button and keyed tares. Possible values are: BOTH: Both push-button and keyed tares are enabled NOTARE: No tare allowed (gross mode only) PBTARE: Push-button tares enabled KEYED: Keyed tare enabled

Table 3-2. Configuration Menu Parameters (Continued)

3.2.2 Format Menu

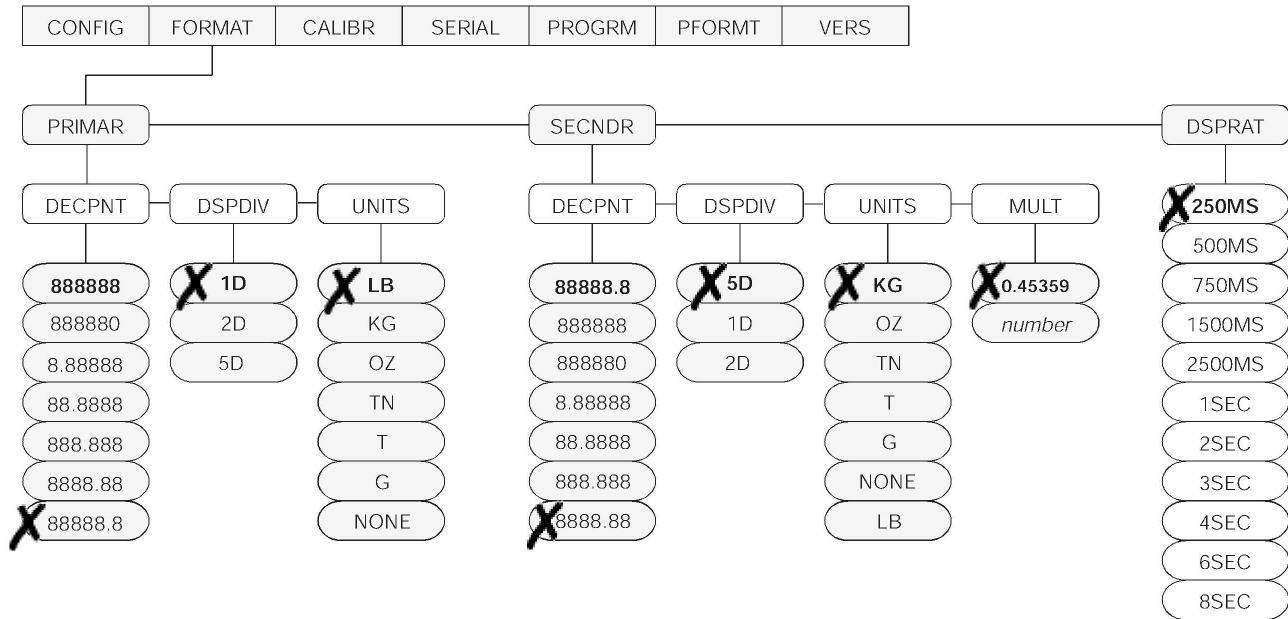


Figure 3-6. Format Menu

FORMAT Menu		
Parameter	Choices	Description
<i>Level 2 submenus</i>		
PRIMAR	DECPNT DSPDIV UNITS	Specifies the decimal position, display divisions, and units used for the primary units. See Level 3 submenu parameter descriptions.
SECNDR	DECPNT DSPDIV UNITS MULT	Specifies the decimal position, display divisions, units, and conversion multiplier used for the secondary units. See Level 3 submenu parameter descriptions.
DSPRAT	250MS 500MS 750MS 1500MS 2500MS 1SEC 2SEC 3SEC 4SEC 6SEC 8SEC	Display rate. Sets the update rate for displayed values. Values are in milliseconds (MS) or seconds (SEC).

Table 3-3. Format Menu Parameters

FORMAT Menu		
Parameter	Choices	Description
<i>Level 3 submenus</i>		
Primary Units (PRIMAR Parameter)		
DECPNT	888888 888880 8.88888 88.8888 888.888 8888.88 88888.8	Decimal point location. Specifies the location of the decimal point or dummy zeroes in the primary unit display. Value should be consistent with local legal requirements.
DSPDIV	1D 2D 5D	Display divisions. Selects the minimum division size for the primary units displayed weight.
UNITS	LB KG OZ TN T G NONE	Specifies primary units for displayed and printed weight. Values are: LB=pound; KG=kilogram; OZ=ounce; TN=short ton; T=metric ton; G=gram. NOTE: Indicators sold outside North America are configured with KG for both primary and secondary units.
Secondary Units (SECNDR Parameter)		
DECPNT	88888.8 888888 888880 8.88888 88.8888 888.888 8888.88	Decimal point location. Determines the location of the decimal point or dummy zeros in the secondary unit display.
DSPDIV	5D 1D 2D	Display divisions. Selects the value of minimum division size of the displayed weight.
UNITS	KG OZ TN T G LB NONE	Specifies secondary units for displayed and printed weight. Values are: KG=kilogram; OZ=ounce; TN=short ton; T=metric ton; G=gram; LB=pound.
MULT	0.45359 <i>Enter other choices via keyboard</i>	Multiplier. Specifies the conversion factor by which the primary units are multiplied to obtain the secondary units. The default is 0.45359, which is the conversion factor for changing pounds to kilograms. See Section 8.5 on page 36 for a list of multipliers. To toggle between primary and secondary units, press the UNITS key.

Table 3-3. Format Menu Parameters (Continued)

3.2.3 Calibration Menu

See Section 4.0 on page 22 for calibration procedures.

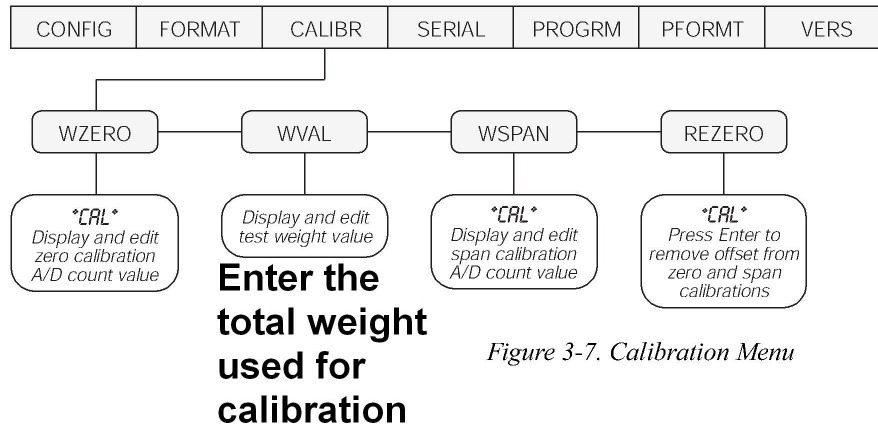


Figure 3-7. Calibration Menu

CALIBR Menu		
Parameter	Choices	Description
<i>Level 2 submenus</i>		
WZERO	—	Calibrate zero, display and edit the zero calibration A/D count value.
WVAL	—	Display and edit the test weight value.
WSPAN	—	Calibrate span, display and edit the span calibration A/D count value.
REZERO	—	Press Enter to remove an offset value from the zero and span calibrations. Use this parameter only after WZERO and WSPAN have been set. See Section 4.1 on page 22 for more information about using this parameter.

Table 3-4. Calibration Menu Parameters