

Ishida MTX/MTB Series—Configuration

Configuration Settings

Models	Parameter										
	Cn	C1	C2	C3	C4	C5	C6	C7	C8	Check1	Check2
MTX-300L	F	1	F	6	b	9	2	2	0	B6F1	0229
MTX-60L	F	6	F	6	b	9	2	2	0	B6F6	0229
MTB-300L	F	1	E	6	b	9	2	2	0	B6E1	0229
MTB-60L	F	6	E	6	b	9	2	2	0	B6E6	0229
MTX-150Kg	F	A	F	6	b	9	2	0	0	B6FA	0229
MTX-30Kg	F	2	F	6	b	9	2	0	0	B6F2	0229
MTB-150Kg	F	A	E	6	b	9	2	0	0	B6EA	0229
MTB-30Kg	F	2	E	6	b	9	2	0	0	B6E2	0229

To access the configuration settings:

1. Turn off the scale.
2. Hold down the **ZERO** and **COUNT** keys.
3. Press and release the **ON/OFF** key.
Note: For the MTB, hold down the **ON/OFF** key for at least 2 seconds.
4. Release the **ZERO** and **COUNT** keys.

To enter data:

1. The table above shows the parameter settings for the MTX/MTB Series models. Use the **ZERO** (+) and **TARE** (-) keys to select the corresponding setting for each parameter (Cn–C8).
2. Use the **COUNT** key to enter the data and advance to the next step.
3. Remove brass hex screw on back of indicator. Use a non-metallic device to press the NVRAM switch on the circuit board, accessible through the bolt hole. Note: Using a metal device can damage the unit. The display flashes P-EP.

To review:

1. After the operator enters C8 (see table above), the unit displays C4–C1 for review.
2. If the C4–C1 settings are not correct, turn the scale off, then on again and reenter the settings.
If the C4–C1 settings are correct, press the **COUNT** key.
3. The unit displays the C8–C5 settings for review.
4. If the C8–C5 settings are not correct, turn the scale off, then on again and reenter the settings.
If the C8–C5 settings are correct, press the **COUNT** key.

Calibration:

Proceed with normal calibration per the MTX/MTB calibration table (on the back of this page), beginning from step 3 (display = CA-9).



P/N 44137



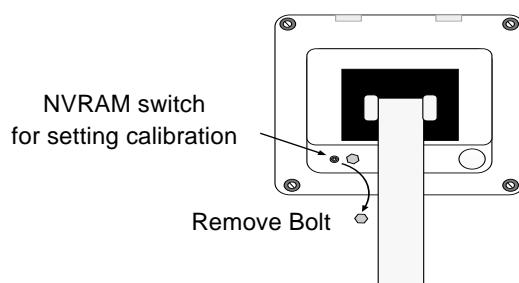
Ishida MTX/MTB Series—Calibration

Calibration Procedure

Follow the steps in the table below to calibrate the MTX/MTB Series scale.

NOTE: CONFIGURATION SETTINGS (on the front side of this page) MUST BE SET PRIOR TO CALIBRATING THE MTX/MTB SERIES SCALE.

Step	Action	Display																								
1	Press and hold the ZERO and TARE keys, then press the ON/OFF key.																									
2	Release the ON/OFF key first, then release both the ZERO and TARE keys. Note: For the MTB, hold the ON/OFF key for at least 2 seconds.																									
3	The display shows CA-9. If CA-9 does not appear, press the ZERO key until the display shows CA-9. Press the COUNT key to go to the next step.	CA-9																								
4	Select the desired calibration weight using the ZERO or TARE keys. The table below indicates the possible options. <table border="1"><thead><tr><th colspan="3">Values</th></tr><tr><th>MTX/MTB</th><th>MTX/MTB</th><th>Display</th></tr></thead><tbody><tr><td>300 lb (150 kg)</td><td>60 lb (30 kg)</td><td>G-1.0</td></tr><tr><td>150 lb (75 kg)</td><td>30 lb (15 kg)</td><td>G-2.0</td></tr><tr><td>120 lb (60 kg)</td><td>24 lb (12 kg)</td><td>G-2.5</td></tr><tr><th colspan="3">MTX only</th></tr><tr><td>60 lb (30 kg)</td><td>12 lb (6 kg)</td><td>G-5.0</td></tr><tr><td colspan="3">DO NOT USE L-1.0 THRU L-5.0. THE SCALE WILL NOT CALIBRATE.</td></tr></tbody></table>	Values			MTX/MTB	MTX/MTB	Display	300 lb (150 kg)	60 lb (30 kg)	G-1.0	150 lb (75 kg)	30 lb (15 kg)	G-2.0	120 lb (60 kg)	24 lb (12 kg)	G-2.5	MTX only			60 lb (30 kg)	12 lb (6 kg)	G-5.0	DO NOT USE L-1.0 THRU L-5.0. THE SCALE WILL NOT CALIBRATE.			G-1.0
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	Note: Use a test weight of 100% capacity for greatest accuracy. Press the COUNT key to go to the next step. The initial A/D value displays.	NNNN																								
5	Press the ZERO key twice to obtain the value 2000.	2000																								
6	Add weights to equal the value selected in step 4. After the scale stabilizes, press the TARE key. The scale should show 17000.	CAL (then 1700)																								
7	Remove the calibration weights. Repeat steps 6 & 7 until the correct readings are obtained.	2000																								
8	Remove the brass hex bolt on the rear of the indicator (see graphic below). Use a non-metallic device to press the NVRAM switch on the circuit board, accessible through the bolt hole. Note: Using a metallic device can damage the unit. The display flashes P-EP.	P-EP																								
9	Turn the unit off, then on. Check the calibration by placing a known weight on the scale.																									
10	Replace the brass hex bolt.																									



Rear View of Display Unit
MTB/MTX Calibration Switch Detail



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