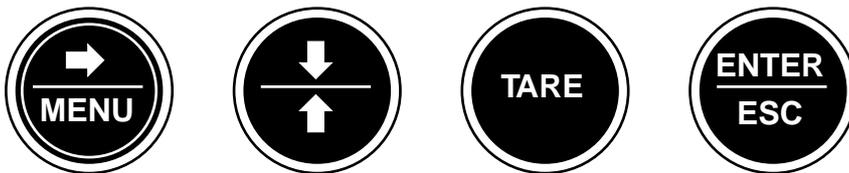


BRIEF DESCRIPTION ON HOW TO CALIBRATE THE M2000 INDICATOR



The four push buttons:

The four push buttons can have more than one function. The second function is indicated by blue legends below a horizontal line. The  (**MENU**) button has a circle and is used as a **SHIFT** button to activate a second function. In addition, if the  (**MENU**) button is held down for more than 5 seconds, it will activate the Application Menu. The Application Menu controls the higher level application program running on the M2000 Indicator.

Further more, if the  (**MENU**) is held down during start-up, the M2000 Indicator will enter the Setup Menu which is used during first-time installation as well as for calibration. Finally, the  (**MENU**) button is also used to move the cursor to the right (**RIGHT ARROW**) between fields within menus.

The  (**UP/DOWN ARROW**) button is used as **DOWN-ARROW** button to move between memories within the fields and is used as an **UP-ARROW** button to move between memories within the fields when  (**MENU**) is held down while pressing the  (**UP/DOWN ARROW**) button.

The  (**TARE**) button is used as **ZERO** button to zero out a weighing device and is used for **resetting** the M2000 Indicator when pressed simultaneously with the  (**ENTER**) button.

The  (**ENTER**) is used as an **ENTER** button when entering data, used as a **Selection** button in when menus and used as an **ESC** button when  (**MENU**) is held down while pressing the  (**ENTER**) button.

CALIBRATING THE M2000 INDICATOR

STEP 1:

Firstly, turn the power **off**.

STEP 2:

Remove the Top Cover by unscrewing the two 8mm bolts holding it in place. Do **NOT** remove the bolts from its position.

STEP 3:

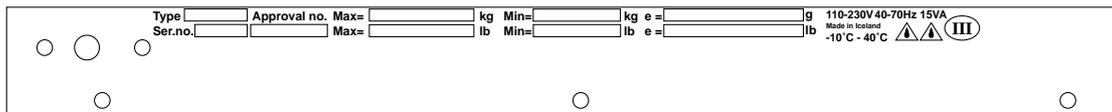
Release the Card Rack by unscrewing the four screws holding it and place it carefully to its top position using the top two screws to hold it fasten.

Note:

It is not necessary to remove any of the plugs used for wiring.

STEP 4:

Release the the Rating Plate which seals the **Calibration Switch** by removing the five screws holding it in place.



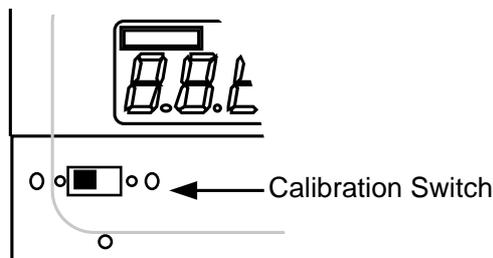
Rating Plate

STEP 5:

Turn the power **on**, allow the scale to lighten up.

STEP 6:

Move the **Calibration Switch** to the right position and reset the scale by holding down the  (**MENU**) button and pressing simultaneously the  (**TARE**) and  (**ENTER**) buttons.

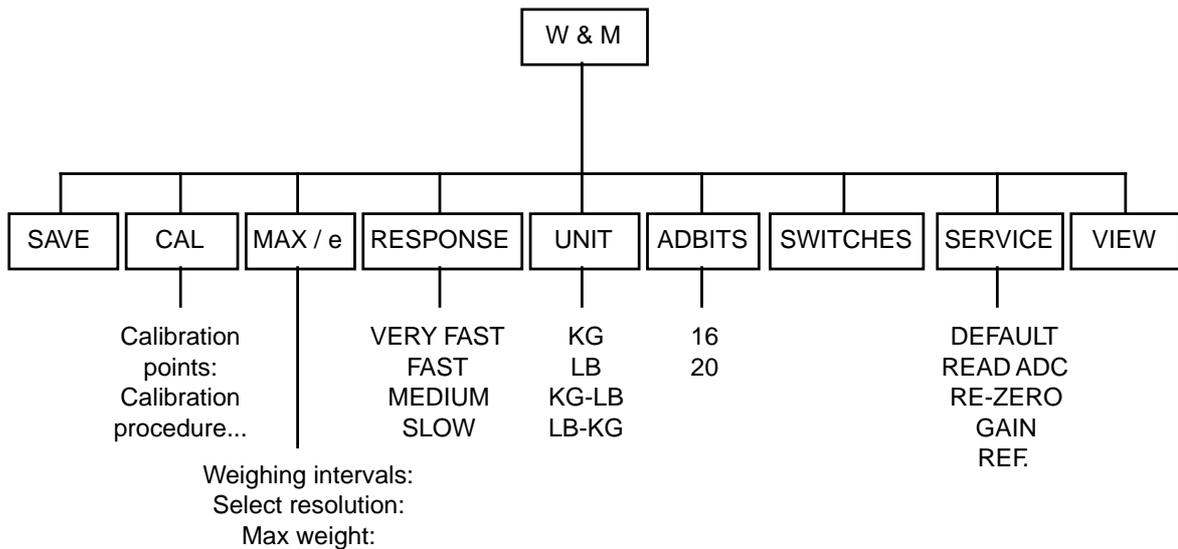


Calibration Switch

The following screen will appear:

OPTIONS	>W & M	PRINT
Weight & measures setup		

Select **W & M** using  (**RIGHT ARROW**) then press  (**ENTER**) the following menu will be available:



W & M menu tree

STEP 7:

SAVE	CAL	>MAX/e	RESPONSE	UNIT
ADBITS	SWITCHES	SERVICE	VIEW	
Calibrate platform				

Check the settings for divisions and max weight by selecting **MAX/e** using  (**RIGHT ARROW**) then press  (**ENTER**)

.. >[1]	2	5	10	..
Select resolution 1				

Select desired resolution using  (**RIGHT ARROW**) then press  (**ENTER**)

Max weight for interval 1 :	3000<kg
Enter a number from 100 to 10000	

Enter the maximum weight of the scale, then press  (**ENTER**)

STEP 8:

Check the settings for the scale's response by selecting **RESPONSE** using

 (**RIGHT ARROW**) then press  (**ENTER**)

VERYFAST	FAST	MEDIUM	>[SLOW]
Select slow response (2.25 Hz)			

Select desired response speed using  (**RIGHT ARROW**) then press  (**ENTER**) Press **ESC** to go to the **OPTION** main menu.

STEP 9:

Select **CAL** using  (**RIGHT ARROW**) then press  (**ENTER**)

Calibration points : 2
Enter a number between 2 and 5

Enter the number 2 then press  (**ENTER**)

Clear platform
Enter-Ready Esc-Quit

press  (**ENTER**)

WAIT	READING
Esc-Quit	ADC = 13522

WAIT for few seconds

Weight nr. 1 :	0< kg
Enter size of next calibration weight	

Enter the size of the calibration weight followed by pressing  (**ENTER**)
This weight must be a **certified weight** and as close as possible to the platform's maximum capacity.

WAIT	READING
Esc-Quit	ADC = 73522

WAIT for few seconds

SAVE	>CAL	MAX/eRESPONSE	UNIT
ADBITS	SWITCHES	SERVICE VIEW	

Calibrate platform

STEP 10:

All the new settings **MUST** be saved in the M2000 Indicator's memory, using the **SAVE** command

>SAVE	CAL	MAX/eRESPONSE	UNIT
ADBITS	SWITCHES	SERVICE	VIEW
Calibrate platform			

Select **SAVE** using  (**RIGHT ARROW**) then press  (**ENTER**)

STEP 11:

Move the **Calibration Switch** to the left position and reset the scale by pressing simultaneously the  (**TARE**) and  (**ENTER**) buttons.

STEP 12:

If everything appears as normal, turn the power **off** again.

STEP 13:

Fasten Rating Plate.

STEP 14:

Release the Card Rack and put it in its correct position, fasten firmly the four screws holding it.

STEP 15:

Place the Top Cover in its position, fasten firmly the two 8mm bolts holding it.

STEP 16:

Turn the power **on** again.