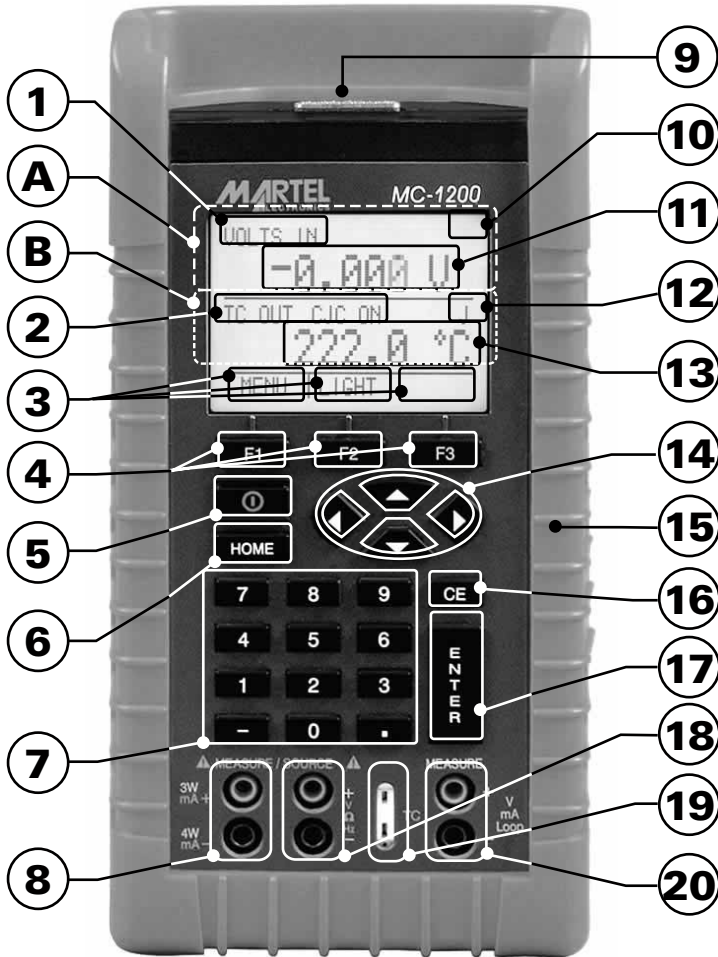


Quick Start Guide

MC-1200 Multi-Function Calibrator



- A. UPPER DISPLAY**
Isolated Read-back/Measurement Input
- B. LOWER DISPLAY**
Measurement/Source Simulate

CONTROLS AND DISPLAYS

1. Input Signal Type Display
2. Input/Output Signal Type Display
3. Soft Function Keys Display
4. Soft Function Keys
5. Power ON/OFF Key
6. HOME Key
7. Numeric Keypad
8. mA/3W/4W Measurement/Source Input/Output Connection
9. Pressure Module Communications Port
10. Pressure Engineering Unit Display
11. Isolated/Read-back Measurement Value Display
12. Pressure/TC/RTD/Pulse/Frequency Unit Display
13. Measurement/Source Input/Output Value Display
14. Arrow Keys
15. Rubber Boot
16. Clear Entry Key
17. Enter Key
18. Volt/Ohms/Hz Measurement/Source Input/Output Connection
19. Thermocouple Measurement/Source Input/Output Connection
20. Isolated Read-back/Measurement Input Connection

TURN MC-1200 ON OR OFF

Press Power On/Off key. The MC-1200 will automatically switch off after 30 minutes if no keys are pressed.

SETTING THE AUTO SHUTDOWN FUNCTION

The MC-1200 will shut off automatically if no keys are pressed for an interval of 30 minutes (the factory default).

To disable the Auto Shutdown function, or to change the interval:

1. Press F1 [MENU].
2. Press F3 [MORE].
3. Press F2 [NEXT]. Press F1 [AUTO OFF].
- 4a. To turn the Auto Shutdown function ON, press F1 [ON].
- 4b. To turn the Auto Shutdown function OFF, press F2 [OFF].
- 4c. To set the interval to a value between 0 and 30 (minutes), use the numeric keypad to enter the value (whole numbers only, no decimals), and press ENTER. The MC-1200 will return to the main display.

SET ISOLATED READ-BACK/MEASUREMENT INPUT (20)/UPPER DISPLAY (A)

1. Press F1 [MENU] key.
2. Press F1 [UPPER] key. Upper display input type flashes.
3. Repeatedly press F1 [SELECT] until desired input signal type is displayed.
- 4a. For PRESSURE input, press F2 [NEXT]. The Engineering units display will flash. Repeatedly press F1 [SELECT] until desired Engineering units are displayed. Press F3 [DONE].
- 4b. For VOLTS IN/mA IN/mA LOOP, press F3 [DONE].
Isolated/Read-back Measurement input is now selected.

SET MEASURE/SOURCE INPUTS/OUTPUTS (8)(18)(19)/LOWER DISPLAY (B):

1. Press F1 [MENU] key.
2. Press F2 [LOWER] key. Press F2 [NEXT] until lower display input/output type flashes.
3. Repeatedly press F1 [SELECT] until desired input/output signal type is displayed.

To set a Measurement Input:

4. Press F2 [NEXT], then press F1 [SELECT] until IN is displayed.
5. For TC, RTD, and PRESSURE, press F2 [NEXT] and F1 [SELECT] to choose additional options (such as Cold Junction Compensation for TC) and measurement units. For VOLTS, mA, and all other input types, proceed directly to Step 6.

To set a Source Output:

4. Press F2 [NEXT], then F1 [SELECT] until OUT is displayed.
5. For TC, RTD, and FREQUENCY, press F2 [NEXT] and F1 [SELECT] to choose additional options (such as Cold Junction Compensation for TC) and measurement units. For VOLTS, mA, and all other output types, proceed directly to Step 6.
6. When all selections are completed, press F3 [DONE] to set the measure/source selections.
7. Use either the arrow keys to move the digit select cursor (LEFT/RIGHT) and then increment/decrement the value (UP/DOWN), or enter the value directly on the keypad. Then press ENTER.
8. To return to the main display screen, press the HOME key.

Please refer to the Operator's Manual for information regarding additional features.