

MC-1200 Multi-Function Calibrator

The **Martel MC-1200 Multi-Function Calibrator** provides a feature set unmatched in high accuracy, hand-held calibrators in its price range. The MC-1200 Calibrator provides the functions and accuracy associated with fixed-installation, laboratory instruments, and has everything needed for virtually any calibration task. Measure and source thermocouples, RTDs, current, voltage, and frequency, and source pulse trains. A communications port compatible with Fluke® 700 Series, Mensor®, and Martel pressure modules is provided, as is an isolated mA/V read-back circuit. Arrow keys, direct numeric keypad entry, and three software-driven function buttons, plus a large backlit, menu-driven graphics display combine to provide a highly intuitive, simple yet powerful operator interface. Built-in 250 Ohm resistor for Hart™ compatibility, compatibility with smart transmitters and PLCs, full fuseless protection, and a serial communications port for full control with ASCII commands, are just some of the additional features that make the MC-1200 the single, most indispensable tool available for virtually any calibration task. The MC-1200 is supplied in a tough, rubber boot; a carrying case is also available as an option.



Features:

- ▲ Measure and source T/Cs (13 types), RTDs (13 types), Ohms, current, voltage, frequency; source pulse trains
- ▲ Isolated mA/V read-back circuit for complete transmitter calibration
- ▲ Pressure module communication port compatible with Fluke 700 Series, Mensor, and Martel pressure modules
- ▲ Built-in 24 V supply can drive 4 – 20 mA loops up to 1000 Ohms
- ▲ Direct entry of custom RTD coefficients (R_0 , A, B, C)
- ▲ All source modes can be programmed with dedicated setpoints to speed calibration and linearity tests
- ▲ Highest accuracy in class to 0.015% of reading
- ▲ Meets CE requirements and is designed to IEC 1010 safety standards

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