

Magnetometer PCE-MFM 2400+



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**Precise magnetic field meter with an accuracy of 1% /
Automatic shutdown / Axial measurement / Background lighting /
Tesla and Gaussian measurements / For static magnetic fields**

With a measuring range of 2,400 mT, the magnetometer covers a wide range of measuring tasks. The magnetic field meter has an accuracy of 1%. This makes the magnetic field meter a very precise measuring device. For example, relays and permanent magnets can be tested for the existing magnetic field with the magnetic field meter. The magnetic field meter is used in production processes or in quality control.

With the backlighting of the magnetometer, the measured values are always easy to read, even in poor lighting. Thanks to the automatic switch-off function, the magnetic field meter switches itself off automatically after 5 minutes. This ensures that the magnetic field meter's battery does not discharge completely.

Specifications

Measuring range	0... 200 mT 200... 2,400 mT 0 ... 2,000 G 2,000 ... 24,000 G
Accuracy	± 1% of reading
Resolution	0.01 mT 0.1 g
Measuring direction	Axial
Magnetic field	Static (DC)
Unit	mT, G
Power supply	1 x 9V block battery
Automatic shutdown	Automatic shutdown after 5 minutes in idle status
Modes	Hold mode, measurement mode
Display	Backlight digital 4-digit value display
Operating temperature	0... 50°C / 32 ... 122°F
Storage temperature	-20... 50°C / -4 ... 122°F
Dimensions	185 x 97 x 40 mm / 7.28 x 3.82 x 1.57 inch
Weight	310 g / < 1 lb
Sensor	Hall sensor axial, cable length approx. 2 m / 6.6 ft

Subject to change