



Electromagnetic Field Radiation Detector PCE-G28



PCE-G28 is a portable, handheld electromagnetic field radiation detector or gauss meter that detects electromagnetic fields (EMFs) and displays measurement results in milliGauss (mG) or microTesla (μT). This EMF radiation detector comes with an external 3-axis electromagnetic sensor (X, Y, Z direction).

- ▶ Measurement range: 0 ... 20000 mG / 0 ... 2000 μT
- ▶ Accuracy: $\pm 4\% + 3$ digits / $\pm 5\% + 3$ digits / $\pm 10\% + 5$ digits
- ▶ Resolution: 0.1 mG / 0.01 μT
- ▶ Detects electromagnetic fields (EMFs) on three axes (X, Y, Z direction)
- ▶ Displays measurement results in milliGauss (mG) or microTesla (μT)
- ▶ Comes with an external 3-axis electromagnetic sensor
- ▶ Data hold functionality
- ▶ Ideal tool for checking transformers and measuring EMFs generated by power lines, computer monitors, electric motors and installations
- ▶ Meets IEC 801-1 (EN 50081-1) / IEC 204 (EN 60204) standards
- ▶ Measures EMFs through casings, coverings and housings, eliminating the need to dismantle parts for inspection

Subject to change

Specifications

Measurement range	microTesla: 0 to 20 μ T / 0 to 200 μ T / 0 to 2000 μ T milliGauss: 0 to 200 mG / 0 to 2000 mG / 0 to 20000 mG
Resolution (per range)	0.01 μ T / 0.1 μ T / 1 μ T 0.1 mG / 1 mG / 10 mG
Accuracy	$\pm 4\%$ + 3 digits (in range 20 μ T and 200 mG)* $\pm 5\%$ + 3 digits (in range 200 μ T and 2000 mG)* $\pm 10\%$ + 5 digits (in range 2000 μ T and 20000 mG)* *Refers to 50 - 60 Hz y < 3 V/m (RF)
Sampling rate	Approx. 0.4 second
Frequency	30 ... 300 Hz
Display	LCD, 3.5 digits
Power	1 x 9V battery
Dimensions	Meter: 200 x 68 x 30 mm / 7.88 x 2.68 x 1.18 in Sensor: 225 x 75 x 55 mm / 8.86 x 2.95 x 2.17 in
Weight	470 g / 1.04 lbs (including battery)

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