



# 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 ( $\mu\text{T}$ ). This EMF radiation detector comes with an external 3-axis electromagnetic sensor (X, Y, Z direction).

- ▶ Measurement range: 0 ... 20000 mG / 0 ... 2000  $\mu\text{T}$
- ▶ Accuracy:  $\pm 4\% + 3$  digits /  $\pm 5\% + 3$  digits /  $\pm 10\% + 5$  digits
- ▶ Resolution: 0.1 mG / 0.01  $\mu\text{T}$
- ▶ Detects electromagnetic fields (EMFs) on three axes (X, Y, Z direction)
- ▶ Displays measurement results in milliGauss (mG) or microTesla ( $\mu\text{T}$ )
- ▶ 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 $\mu$ T / 0 to 200 $\mu$ T / 0 to 2000 $\mu$ T milliGauss: 0 to 200 mG / 0 to 2000 mG / 0 to 20000 mG
Resolution (per range)	0.01 $\mu$ T / 0.1 $\mu$ T / 1 $\mu$ T 0.1 mG / 1 mG / 10 mG
Accuracy	$\pm 4\%$ + 3 digits (in range 20 $\mu$ T and 200 mG)* $\pm 5\%$ + 3 digits (in range 200 $\mu$ T and 2000 mG)* $\pm 10\%$ + 5 digits (in range 2000 $\mu$ 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)

## More information

Manual



More product info



Similar products



Subject to change