

Electromagnetic Radioactivity Meter PCE-EM 30



PCE-EM 30 Electromagnetic Radioactivity Meter

Triple-axis electromagnetic field (EMF) detector with data-logging functionality / Comes with two external sensor probes (for low and high frequency ranges)

PCE-EM 30 is a digital portable 3-axis electromagnetic radioactivity meter or EMF detector used to measure electromagnetic radiation generated by electronic devices and electric installations. This triple-axis EMF meter provides greater precision than single-axis models as well as affords the ability to assess EMFs from more than one source at a time.

Note: USB data cable Incl. software VT-204-SW required for data transfer to PC - please see accessories tab for details.

- ▶ EMF measuring ranges: 0 to 199.99 V/m, 0 to 99.999 W/m², 0 to 9.9999 mW/cm²
- ▶ EMF bandwidth: 100 kHz to 3 GHz
- ▶ Measures EMF of 5G cellular Low-band and Mid-band
- ▶ Comes with two external sensor probes (for low and high frequency ranges)
- ▶ Features a large, easy-to-read LCD screen
- ▶ Adjustable alarm value
- ▶ Note: USB data cable Incl. software VT-204-SW required for data transfer to PC - please see accessories tab for details

Specifications

Bandwidth / Frequency range of the probe EP-03H	100 MHz... 3 GHz
Range selection for the probe EP-03H	900 MHz, 1 GHz, 1.8 GHz, 2.4 GHz, 2.45 GHz, 3 GHz
Bandwidth / Frequency range of the probe EP-04L	100 kHz... 100 MHz
Range selection for the probe EP-04L	100 kHz, 200 kHz, 500 kHz, 1 MHz, 10 MHz, 13.56 MHz, 100 MHz
Accuracy	±2 dB
Measuring ranges	0... 199.99 V/m
	0 ... 99.999 W/m²
	0 ... 9.9999 mW/cm²
Resolution	0.01V/m
	0.001 W/m²
	0.0001 mW/cm²
Initial value	> 1 V/m
	> 0.03 W/m²
	> 0.0003 mW/cm²
External sensor probe types	Triple axis
Display	LCD, 58 x34 mm / 2.28 x 1.34"
Limit value	Adjustable
Alarm	Acousticsignal when limit value is exceeded
Internal memory	16,000 data records
Power	9 V battery
Operating conditions	0 ...50 °C/ +32 ... +122 °F, up to 80 % relative humidity (RH)
	Meter: 200 x 76.2 x36.8 mm / 7.88 x 3.00 x 1.45"
Dimensions	Probes: 70 x240 mm / 2.76 x 9.45"
Weight	523 g / 1.16 lb (with battery included)

More information

Manual



More product info



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