

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, H 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

0... 199.99 V/m

Measuring ranges 0 ... 99.999 W/m²

0 ... 9.9999 mW/cm²

0.01V/m

Resolution 0.001 W/m²

0.0001 mW/cm²

>1 V/m

Inital value > 0.03 W/m²

 $> 0.0003 \text{ mW/cm}^2$

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 $0 \dots 50 \text{ °C/} + 32 \dots + 122 \text{ °F, up to } 80 \text{ %}$

relative humidity (RH)

Meter: 200 x 76.2 x36.8 mm / 7.88 x 3.00 x

Dimensions 1.45"

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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