ELECTROMAGNETIC FIELD METER

PCE-EM 30



- **EMF measuring ranges: to 199.99 V/m, to 99.999 W/m², to 9.9999 mW/cm²**
- **EMF bandwidth: 1 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-24-SW required for data transfer to**
- **PC - please see accessories tab for details**

PCE-EM 3 is a digital portable 3-axis environmental electromagnetic radiation 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.

Specification

Electric field strength	
Measuring range	0 ... 199,99 V/m
Resolution	0,01 V/m
Accuracy	±2 dB
Power flux density	
Measuring range	0 ... 99,999 W/m².
Resolution	0,001 W/m².
Accuracy	±2 dB
Power flux density	
Measuring range	0 ... 9,9999 mW/cm²
Resolution	0,0001 mW/cm²
Accuracy	±2 dB
Sensor	
Designation	EP-03H
Measuring range	100 MHz ... 3 GHz
Battery type	Semiconductors
Additional description	3-axis probe
Dimension	Ø 70 x 240 mm
Sensor	
Designation	EP-04L
Measuring range	100 kHz ... 100 MHz
Battery type	Semiconductors
Additional description	3-axis probe
Dimension	Ø 70 x 240 mm

General technical data	
Measuring functions	MIN, MAX, HOLD
Display Typ	LCD
Display size	2,8 Inch
Storage medium	Internal memory
Storage capacity	16000 Values
Response time	1 s
Automatic power-off	10 min.
Alarm	Acoustic
Sensitivity	Lower detection limit: > 1 V/m, > 0.03 W/m² > 0.0003 mW/cm²
Menu language	English (US), English (GB)
Protection class (device)	IP20
Power supply	9V DC
Battery/battery	1 x 9 V 9V Block , Zinc carbon
Battery capacity	640 mAh
Operating conditions	0 ... 50 °C , 0 ... 80 %RH
Storage conditions	0 ... 50 °C , 0 ... 80 %RH
Dimensions (L x W x H)	200 x 76,2 x 36,8 mm
Weight	523 g