

EMF METER

PCE-EMF 20



- » **measurement range: 1 ...1999 V/m / 0.01 ... 99.99 μ T**
- » **alarm threshold: 40 V/m, 4 μ T**
- » **bandwidth 5 Hz ... 3500 MHz**
- » **alarm: audible and visual**
- » **automatic power off**
- » **battery status display**

The EMF meter is a device for the simultaneous measurement of electric and magnetic fields. It is ideal for domestic use for testing routers, Bluetooth devices, radios, televisions, computers, printers, microwave ovens, refrigerators and mobile phone masts. It offers a measurement range from 1 to 1999 V/m for electric fields and from 0.01 to 99.99 μ T for magnetic fields. The EMF meter has an alarm threshold of 40 V/m or 4 μ T, above which an audible alarm is automatically triggered.

The EMF meter operates within a bandwidth of 5 Hz to 3500 MHz and takes less than a second to deliver a measurement result. A built-in rechargeable 700 mAh lithium battery with USB-C interface makes the device convenient and durable. An LED display provides a clear indication of the measured values and the compact design with only one key ensures easy use. In addition, the EMF meter switches off automatically when inactive to save energy.

Specification

Radiation	
Measurement range up to	1 ... 1999 V/m
Resolution	1 V/m
Accuracy	1 V/m
Radiation	
Measurement range up to	0,01 ... 99,99 μ T
Resolution	0,01 μ T
Accuracy	0.01 μ T

General technical data	
Display type	LED
Display size	2,2 Inch
Interface	USB-C
Response time	0,5 s
Automatic power-off	5 min
Bandwidth MF from	5 Hz
Bandwidth MF to	3500 MHz
Bandwidth EF from	5 Hz
Bandwidth EF to	3500 MHz
Alarm	Acoustic, optical
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	5 V
Weight	75 g
Operating conditions	0 ... 50 °C , 0 ... 90 % RH
Storage conditions	0 ... 50 °C , 0 ... 90 % RH
(Rechargeable) battery	1 x 3,7 V SL 603040 , Lithium-ion battery
Capacity	700 mAh
Dimensions (L x W x H)	110 x 55 x 23 mm