EMF02R

Digital Electromagnetic Radiation Meter

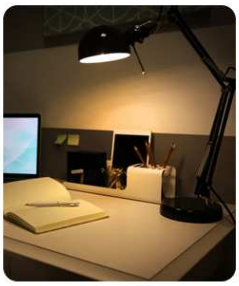
Featured

High frequency electromagnetic radiometer,
Multiple functions integrated into one

- AVG MAX — Maximum/ Average
- HOLD — Data hold
- uT/mG V/m uW/cm³ — Measurement unit
- E-field H-field — Electric/ magnetic field
- RF — Radio frequency
- Temperature/ humidity
- Buzzer switch
- Low battery warning
- Automatic shutdown
- Battery
- 2000m — Height
- VA color screen

Multipurpose display

Widely used in households, offices, living areas, industrial equipment
Distribution room, high-speed rail, signal base station, etc;



Living area

office

industrial equipment

Electrical room

high-speed rail

Signal base station

Triaxial/Signal detection

High sensitivity three-axis induction probe (X-axis, Y-axis, Z-axis)

Radiation area comparison table:

Analog Display	Green	Yellow	Red
uW/cm²	0.0~39.9	40~99.9	100~9999
V/m	0~39	40~399	400~999
mG	0.0~3.9	4.0~39.9	40.0~199.9
uT	0.00~0.39	0.40~3.99	4.00~19.99

Measurement mode

High frequency electromagnetic radiometer, using precision high-frequency electromagnetic sensorsAccurate detection of various electromagnetic radiation, electric field radiation, and high-frequency radiation from base stations

RF High frequency

High frequency signal radiation measurement:
Short press the RF button The screen displays "RF" entering high-frequency signal radiation Radiation measurement mode;
Can measure base stations between 30MHz and 8GHz High frequency signal radiation.

E-field Electric field

Short press the SEL key to display "E-field" on the screen
Entering electric field radiation measurement mode, measurable
The electric field radiation value of measuring electrical equipment.

H-field Magnetic field

Short press the SEL key to display "H-field" onthe screen Entering electromagnetic field radiation measurement mode, short again Press the SEL button to convert electromagnetic field radiation measurements Unit of measurement (mG milliGauss → uT micro Tesla) Measure the electromagnetic radiation values of electrical equipment.

Screen display

Symbol	Describe	uT	Micro Teslas
	Battery Indicator	mG	MilliGaussian
	Automatic shutdown	V/m	Volts per meter
	Simulated display	uW/cm²	Microwatt/ square centimeter
AVG	Average value		Temperature
MAX	Maximum value	°C	Celsius
HOLD	Data locking	°F	Fahrenheit degree
RF	Radio frequency		Humidity
H-field	Magnetic field	%	Percentage
E-field	Electric field		Ringtones

Technical parameter

Working height	2000m
Measurement method	Electromagnetic induction, RF radio frequency receiving sensor
Display screen	VA reverse display color screen
Maximum Display	Nine thousand nine hundred and ninety-nine
Sampling rate	About 0.4 seconds
Measuring range	V/m:0~999/uT:0.00~19.99/mG:0.0~199.9/ uW/cm²:0.0~9999
Test bandwidth	30MHz~8GHz
Resolving power	V/m: 1/uT: 0.01/ mg: 0.1/ uW/cm²0.1 /0.1℃/0.2℉/1%RH
Alarm method	Sound, simulation bar
Automatic shutdown	About 15 minutes
Working current	Approximately 50mA
Charging interface	USB Type-C
USB charging	5V/1A
Source	18650/2000mA/3.7v lithium battery
Charging time	About 4 hours
Temperature measurement range	0-50 ℃
Humidity measurement range	0-90% RH
Working temperature and humidity	0-50 ℃/0-90% RH
Storage temperature and humidity	-10-60 ℃/0-80% RH
Size	204 x 63 x 32mm
Weight	Approximately 220g

Key Introduction

Symbol	Describe
⏻	Power button
SEL	Function conversion key
AVG/MAX	Average and maximum conversion keys
HOLD	Data lock key
🔔	Ring tone on/off key
RF	High frequency signal conversion key

Product acessories

① High frequency radiation detector
② USB Type-C charging cable
③ Product manual
④ Cloth bag
⑤ Packaging box