

Safe & Sound EM3 Detector

Best price/performance! Frequency range 16 Hz - 120 kHz. High sensitivity from 1 nT (0.01 mG), body voltage 1-12,000 mV, 3D magnetic field, filter ...



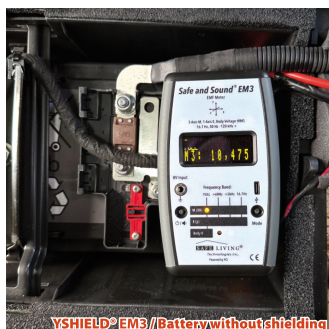
YSHIELD® Safe and Sound EM3



YSHIELD® Safe and Sound EM3



YSHIELD® EM3 / Battery with shielding



YSHIELD® EM3 / Battery without shielding

YSHIELD GmbH & Co. KG
94099 Ruhstorf, Germany
www.yshield.com
info@yshield.de

The Safe & Sound EM3 from Safe Living Technologies is a versatile 3-in-1 electromagnetic field meter specially developed for measuring 3D magnetic fields, 1D electric fields and body voltage.

- Measurement of 3D magnetic fields
- Measurement of 1D electric fields
- Body voltage measurement
- Optimized for low field strengths
- Complies with building biology guidelines

The new Safe and Sound EM3 from Safe Living Technologies is the first professional, accurate and affordable 3-in-1 EMF meter for the end user. The EM3 has been optimized for measuring weak alternating electric and magnetic fields. The device not only meets the strict SBM-2015 and SBM-2024 building biology guidelines for electromagnetic sensitivity, but also serves as a versatile tool for general electromagnetic monitoring, making it suitable for various applications to assess and ensure the health and safety of buildings. It can detect fields down to 0.01 V/m and 0.01 mG (1 nT).

Product information

Alternating magnetic fields

- +/- 1 dB at 16 Hz, 50 Hz - 120 kHz (0.01 mG - 25 mG) (1 nT - 2500 nT)
- Reduced tolerance up to 100 mG (10,000 nT) per axis or 173 mG 3D (17,300 nT)

AC Electric fields

- +/- 1 dB at 16.7 Hz, 50 Hz - 400 kHz (0.01 V/m - 10 V/m)
- +/- 1 dB at 16.7 Hz, 50 Hz - 120 kHz (0.01 V/m - ~45 V/m)
- Reduced tolerance up to 200 V/m

Body voltage

- 1 - 12,000 mV
- 50 Hz - 120 kHz

Functions

- 3D magnetic field meter
- 1D meter for electric field Body voltage meter
- Filters: 16.7Hz, >60Hz, >2kHz, FULL (no filters)
- RMS & PEAK measurement modes
- Sound output
- Compact size to match our other Safe and Sound meters
- Cable for grounded E and body voltage measurements
- Intuitive and simple operation with clear mode indicators
- Extremely sensitive for building biology applications
- Long battery life with 2 AA alkaline batteries: >12 hours
- Continuous operation via USB-C power supply
- Third-party tested

Scope of delivery

- EM3 case
- Safe and Sound EM3 measuring device
- Safe and Sound EM3 measuring instructions
- User manual Third party testing
- Test lead 18 inch / 46 cm - Red - For hand probe (4mm banana)
- Test lead 6.1 meter / 20' - Black - For grounding (4mm banana)
- Hand probe - 4 inch - Polished solid aluminum
- Ground clamp - Alligator clip to support grounding (4mm banana plug)
- 2 x AA alkaline batteries included
- Earthing spigot - 7.87 inch / 20cm
- 2 year warranty