

WaveMon



Personal EMF Monitor



OVEREXPOSURE WARNING
Audible, visual and vibratory alarm



EMF EXPOSIMETER
Datalogger, instant & average values



ICNIRP, 2013/35/EU, FCC, SC6
Weighted response



ELECTRIC AND MAGNETIC FIELD
Isotropic, RMS



Harness, Belt, or Arm Holder

Datalogger for exposition studies
Instant and average values

Rechargeable and Replaceable
Batteries for 200 h Autonomy

GPS and Altimeter

E & H-Field Isotropic Sensors
with RMS Response

Exposure % of the Standard

ON/OFF Status Button

High Intensity Audible
and Vibratory Warnings

USB and Tripod Connectors



WaveMon Applications.



Worker's safety



Telecommunications



Energy



Railway



Medical



Labs



Aeronautical



Industry



Defense



Optional accredited calibration



Technical Specifications

Sensor type	Isotropic, RMS diode technology
Response	Shaped (ICNIRP 1998, Directive 2013/35/EU, FCC and Safety Code 6)
Interface	1 button on/off, status and low battery LED
Indicators	6 LEDs + Audio + Vibration
Alarm threshold	2 limits adjustable by user
Connectivity	Waterproof USB (for downloading data and recharging)
Falling detection	Yes
Autonomy	>1 month (at 8 h/day, 5 days/week)
Data logger	>1 000 000 events
Positioning	GPS and Altimeter
Logging Interval	1 second to 60 minutes (adjustable by user)
Averaging Interval	1 second to 60 minutes (adjustable by user)
Battery Type	2 x AA NiMH battery rechargeable by USB
Protection	IP 54
Temperature range	-20 / +50 °C (-4 / +122 °F)
Size	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")
Weight	190 g (6.7 oz.)

	Standard (occupational)	E-field	H-field
Frequency range Frequency response	ICNIRP 1998 EMF Directive 2013/35/EU	300 kHz - 8 GHz ±3.5 dB	25 MHz - 1 GHz ±1 dB (30 MHz - 700 MHz) +0 dB/-2.5 dB (700 MHz - 850 MHz) +0 dB/-5 dB (850 MHz - 1 GHz)
	FCC (Federal Communications Commission)	3 MHz - 8 GHz ±3.5 dB	3 MHz - 1 GHz ±1 dB (3 MHz - 400 MHz) ±2 dB (400 MHz - 850 MHz) +0 dB/-4 dB (500 MHz - 1 GHz)
	Safety Code 6 (2015)	10 MHz - 8 GHz ±3.5 dB	25 MHz - 1GHz ±2 dB (30 MHz - 800 MHz) +0 dB/-5 dB (800 MHz - 1 GHz)
Dynamic range		1 - 300 %	2 - 300 %
Linearity		±0.5 dB (2% - 200%)	±1 dB (5% - 200%)
Isotropic deviation		±1 dB @ 1GHz	±1 dB @ 400 MHz

Product specifications and descriptions in this document subject to change without notice