

WaveMon LF-400

H field - DC to 400 kHz



Personal EMF Monitor



OVEREXPOSURE WARNING
Custom alarms



LIMITS for workers and general public,
including AIMD bearers



EMF EXPOSIMETER
With datalogger



ISOTROPIC RMS and PEAK
magnetic field sensor



Optional
features



WaveMon Applications.



Worker's safety



Railway



Medical



AIMD - Active Implantable Medical Devices



Labs



Energy



Industry



Defense

Technical Specifications



Optional accredited calibration

	DC	10 Hz - 400 kHz
Sensor type	Isotropic hall sensors	Isotropic coils
Type of response and limits	% AIMD bearer (500 μ T) Medium Warning (3 mT) High Warning (30 mT)	% (shaped) For workers and public
Dynamic range	100 μ T to 40 mT	3-200% for workers limits 10-300% for public limits
Isotropic deviation	\pm 2%	\pm 5%
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	12 hours	
Data logger	>1 000 000 events	
Positioning	GPS and Altimeter (Optional)	
Logging 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 $^{\circ}$ C (-4 / +122 $^{\circ}$ F) Charging: 0 / +40 $^{\circ}$ C (+32 / + 104 $^{\circ}$ F)	
Size	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")	
Weight	194 g (6.8 oz.)	
Software	Downloading data, changing parameters (requires Windows 7 or later)	

Versions	Response shaped to
WaveMon LF-400 EU	2013/35/EU for workers and 1999/519/EC for public
WaveMon LF-400 ICNIRP	ICNIRP 1998 and ICNIRP 2010
WaveMon LF-400 IEEE	IEEE C95 2019 for workers and public

Preliminary Data Sheet · Product specifications and descriptions in this document subject to change without notice