



WaveMon LF-400

H field - DC to 400 kHz

Personal EMF Monitor



OVEREXPOSURE WARNING
Custom alarms



EMF EXPOSIMETER
With datalogger



LIMITS for workers and general public,
including AIMD bearers



ISOTROPIC RMS and PEAK
magnetic field sensor



Harness, Belt and Arm Holder

H-field Isotropic Sensors
DC and 10 Hz - 400 kHz

Datalogger
Instant Values

Exposure Level as a %
of the Standard/Limit

Rechargeable and Replaceable
Batteries for 12 h Autonomy

ON/OFF Status Button

GPS and Altimeter
(Optional)

High Intensity Audible
and Vibratory Warnings

USB (for charging,
downloading data and
parameterizing the unit with
included PC software)

Standard Tripod Thread



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WaveMon Applications.



Worker's safety



Railway



Medical



AIMD - Active Implantable Medical Devices



Labs



Energy



Industry



Defense

Technical Specifications

	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)	
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)	



Optional accredited calibration

	LIMIT
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 C95-6 for workers and public

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

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