



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



**Preliminary
Data Sheet**

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



WAVECONTROL

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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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