



WaveMon LF-400

H field - DC to 400 kHz

Personal Magnetic Field Monitor

 **OVEREXPOSURE WARNING**
Custom alarms

 **LIMITS** for workers and general public,
including AIMD bearers

 **H FIELD 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



Optional accredited calibration

Technical Specifications

	DC (0 Hz)	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 °C (-4 / +122 °F) Charging: 0 / +40 °C (+32 / + 104 °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

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