



**Sedulitas**

PEOPLE | PASSION | PRECISION

WORLDCLASS INSTRUMENTATION & OHS MONITORING SOLUTIONS



# WaveMon LF

## Personal EMF Monitor



**OVEREXPOSURE WARNING**  
Audible, visual and vibratory alarm



**EMF EXPOSIMETER**  
With datalogger



2013/35/EU workers (including those bearing AIMD, 1999/519/EC public



ISOTROPIC DC and 10 Hz - 400 kHz 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 and Tripod  
Connectors



DISTRIBUTED BY:

**Sedulitas**

PEOPLE | PASSION | PRECISION

info@sedulitas.co.za +27 (0)82 551 4001  
www.sedulitas.co.za

**WAVECONTROL**  
Safety, Quality, Service

Wavecontrol S.L.  
Barcelona (Spain)  
+34 933 208 055  
info@wavecontrol.com

Wavecontrol Inc.  
Rutherford, NJ (USA)  
+1 201 479 9022  
sales@wavecontrol.com

# WaveMon Applications.



Worker's safety



Railway



Medical



AIMD - Active Implantable Medical Devices



Labs



Aeronautical



Industry



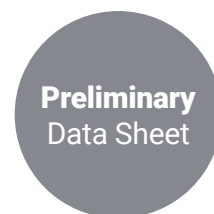
Defense

## Technical Specifications

	DC	10 Hz - 400 kHz
<b>Sensor type</b>	Isotropic hall sensors	Isotropic coils
<b>Type of response and limits</b>	% AIMD bearer (500 uT) Medium Warning (3 mT) High Warning (30 mT)	% (shaped) 2013/35/EU workers 1999/519/EC public
<b>Dynamic range</b>	100 µT to 40 mT	3-200% for workers limits 10-300% for public limits
<b>Isotropic deviation</b>	± 2%	± 5%
<b>Interface</b>	1 button on/off, status and low battery LED	
<b>Indicators</b>	6 LEDs + Audio + Vibration	
<b>Alarm threshold</b>	2 limits in adjustable by user	
<b>Connectivity</b>	Waterproof USB (for downloading data and recharging)	
<b>Falling detection</b>	Yes	
<b>Autonomy</b>	12 hours	
<b>Data logger</b>	>1 000 000 events	
<b>Positioning</b>	GPS and Altimeter (Optional)	
<b>Logging Interval</b>	1 second to 60 minutes (adjustable by user)	
<b>Battery type</b>	2 x AA NiMH battery rechargeable by USB	
<b>Protection</b>	IP 54	
<b>Temperature range</b>	-20 / +50 °C (-4 / +122 °F)	
<b>Size</b>	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")	
<b>Weight</b>	194 g (6.8 oz.)	



Optional accredited calibration



WaveMon\_LF\_ENL\_1908\_v0.1

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