

# WPH1000 Probe

## 30 MHz - 1000 MHz



- Magnetic field measurement
- Isotropic & True RMS measurement
- High sensitivity from 0.018 A/m
- Measurements in accordance with International Standards

30 MHz - 1000 MHz

H

RMS

ISOTROPIC



**Telecommunications**  
Certification and audit of telecommunication services (GSM, 3G, LTE, TDT, FM, WiFi, etc.).



**Industry**  
Assessment of industrial processes for worker's exposure protection.



**Defence**  
Assessment of military sites and personnel exposure protection.



**Labs/R&D**  
RF exposure protection of R&D and labs personnel.



## Technical Specifications

Frequency range	30 MHz - 1000 MHz
Sensor type	Isotropic RMS diode technology
Type of frequency response	Flat
Measurement range	0.018 - 20 A/m
Damage Level (CW)	35 A/m (350 A/m Peak 1 $\mu$ s, period 100 $\mu$ s)
Dynamic range	60 dB
Sensitivity	0.018 A/m
Frequency response (*)	$\pm 0.5$ dB (30 MHz -400 MHz) $\pm 1$ dB (30 MHz - 1000 MHz) > -3 dB @ 25 MHz
Linearity	$\pm 1$ dB (0.04 to 4 A/m)
Axial isotropy	$\pm 1$ dB
Calibration period	24 months (recommended)
Temperature range	- 10 °C to 50 °C
Dimensions	28.4 cm x 6 cm $\varnothing$
Weight	95 g

(\*) The frequency response can be corrected with the SMP2 by using the correction factors stored in the probe.

Compatible with **SMP2**, **MonitEM**

Product specifications and descriptions in this document subject to change without notice.



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