

# WPH-DC Probe

## DC – 40 kHz



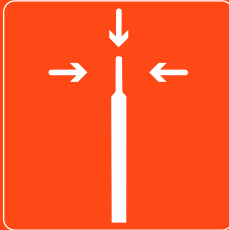
- Magnetic field measurement
- Isotropic & True RMS measurement
- Static and time-variable fields
- Spectrum analysis probe
- Measurements in accordance with International Standards

DC – 40 kHz

H

RMS

ISOTROPIC



**Medical**  
Magnetic resonance  
in hospitals.  
Implants protection.



**Railway**  
High static field due to  
DC powered railroads.



**Industry**  
Exposure assessment  
of electrical vehicles,  
electrolysis,  
permanent magnets,  
DC generators, etc.

## Technical Specifications

Sensor type	Triaxial Hall sensor		
Frequency range	0 – 40 kHz		
Measurement range	10 $\mu$ T – 10 T		
Resolution	< 50 nT		
Noise	< 5 $\mu$ T		
Overload	20 T		
Dynamic range	> 120 dB		
Field	Static	Static and Variable	Variable
Frequency range	0 – 1 Hz	0 – 40 kHz	1 Hz – 40 kHz
Linearity	0.6% (100 $\mu$ T – 1 T) 1% (100 $\mu$ T – 2.4 T)		
Low pass filter	1Hz	None	
FFT	–	SPAN 40 Hz – 400 Hz – 4 kHz – 40 kHz	
Graphical display	Static field, axis information	RMS, Peak, FFT, axis information	
Calibration period	24 months (recommended)		
Dimensions	273 x $\varnothing$ 21 (mm) – Sensor stick $\varnothing$ 9.4 (mm)		
Weight	90 g		

Recommended accessory: 5 meters extension cable

Compatible with **SMP2**

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



WPH-DC.EN.2111\_V1.3