

WP50 Probe

10 Hz - 3 kHz



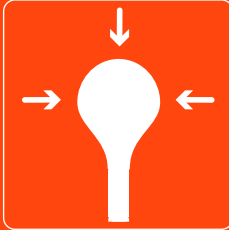
- Electric & Magnetic field measurement
- Isotropic & True RMS measurement
- Probe weighted dependent on the selected limit
- Measurements in accordance with IEC 62110 and IEC 61786

10 Hz - 3 kHz

E & H

RMS

ISOTROPIC



Power grid
Spot or continuous measurement of E and H at transformer stations and high-voltage lines.



Railway
Measurement of E and H fields generated in trains or near railway facilities.



Industry
Measurement in manufacturing facilities with strong electromagnetic fields to ensure workplace safety.



Technical Specifications

Part Number	WWP0501
Frequency range	10 Hz - 3 kHz
Sensor type	Isotropic, RMS Combined measurement of electric and magnetic fields
Type of frequency response	1) Weighted (Results displayed in % of the selected standard) 2) Flat response (Results in V/m, μ T, etc.)
Exposure limits (probe in weighted mode)	Public and occupational ICNIRP 2010 Customizable to other standards
Measurement range	Weighted mode \rightarrow E field: 0.025 % - 200 % of limit (RMS value) H field: 0.025 % - 200 % of limit (RMS value) Field Strength Mode \rightarrow E field: 2.5 V/m - 20000 V/m (RMS) H field: 0.25 μ T - 2000 μ T (RMS)
Dynamic range	78 dB
Sensitivity	Weighted (E, H) 0.025 % Flat response E field 2.5 V/m Flat response H field 0.25 μ T
Frequency response	\pm 20 % (typ.) of standard (25 Hz - 1 kHz) \pm 25 % (max.)
Linearity	\pm 1 % (typ.) (1 % - 100 % of standard) \pm 2 % (max.)
Isotropic response	\pm 5 % (typ.)
Calibration	ISO 17025 Accredited Calibration (ILAC)
Calibration period	24 months (recommended)
Operating temperature	- 15 $^{\circ}$ C to 50 $^{\circ}$ C
Dimensions	270 mm x 115 mm \varnothing
Field sensor area	100 cm ²
Weight	210 g

Compatible with **SMP3**, **SMP2**, **MonitEM**

WP50_EN_2507_V2.3



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