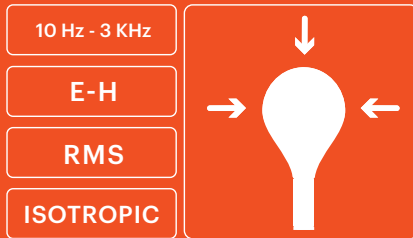


# WP50 Probe

## 10 Hz - 3 kHz



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



### 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

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

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