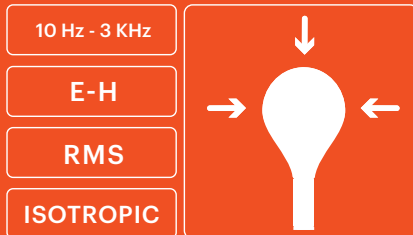


# WP50 Probe

## 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

Frequency range	10 Hz - 3 kHz
Sensor type	Isotropic, RMS Combined measurement of electric and magnetic field
Type of frequency response	1) Weighted (Results displayed in % of the selected standard) 2) Flat response (Results in V/m, $\mu$ 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 $\mu$ T - 2000 $\mu$ 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 $\mu$ 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 meses (recomendado)
Operating temperature	- 15 $^{\circ}$ C a 50 $^{\circ}$ C
Dimensions	270 mm x 115 mm $\varnothing$
Field sensor area	100 cm <sup>2</sup>
Weight	210 g

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



**ISI sa-nv Instrumentation for Science and Industry**

(INTERCONTINENTAL SERVICES INC)

Rue du Doyenné 3 Dekenijstraat 1180 Brussels – Belgium - Tel 02/ 343 30 81 Fax 343 12 05 mail : [sales@isi-be.eu](mailto:sales@isi-be.eu) web : [www.isi-be.eu](http://www.isi-be.eu)