WPF3 Probe
100 kHz - 3 GHz

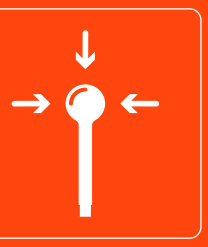
- Electric field measurement
- Isotropic & True RMS measurement
- High sensitivity from 0.2 V/m
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

100 kHz - 3 GHz

E

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

Radar/Aerospace
Assessment of radar and aerospace sites and personnel exposure protection.

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



Technical Specifications

	WPF3	WPF3-HP High Power version
Part Number	WWP0301	WWP0302
Frequency range	100 kHz - 3 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	0.2 - 130 V/m (CW) 0.2 - 20 V/m (True RMS)	0.2 – 1000 V/m (CW) 0.2 - 20 V/m (True RMS)
Dynamic range	52 dB	74 dB
Sensitivity	0.2 V/m	
Resolution	0.02 V/m (until 7.5 V/m) < 2 % (starting from 7.5 V/m)	
Frequency response (*)	± 1.5 dB (250 kHz – 3 GHz) - 3 dB (100 kHz)	
Linearity	± 0.5 dB (0.5 V/m - 100 V/m)	
Isotropic deviation	± 1.2 dB (@ 2 GHz)	
Calibration	ISO 17025 Accredited Calibration (ILAC)	
Calibration period	24 months (recommended)	
Temperature range	- 20 ºC to 50 ºC	
Temperature response	+ 0.1 / - 1 dB (related to 20 ºC)	
Dimensions	28.4 cm x 6 cm Ø	
Weight	95 g	
Attenuation at 50/60 Hz	> 55 dB	

(*) The frequency response can be corrected with the SMP3/SMP2 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

Compatible with SMP3, SMP2, MonitEM, MapEM

WPF3_EN_2607_v1.6

WAVECONTROL
Safety, Quality, Service

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