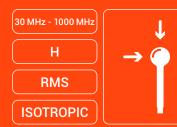


# Advanced Test Equipment Corp.

www.atecorp.com 800-404-ATEC (2832)

## WPH1000 Probe 30 MHz - 1000 MHz

- Magnetic field measurement
- · Isotropic & True RMS measurement
- High sensitivity from 0.018 A/m
- · Measurements in accordance with **International Standards**





**Telecommunications** Certification and audit of telecommunication services (GSM, 3G, LTE, TDT, FM, WiFi, etc.).



Assessment of industrial processes for worker's exposure protection.



Assessment of military sites and personnel exposure protection.



RF exposure protection of R&D and labs personnel.



Frequency range30 MHz - 1000 MHzSensor typeIsotropic RMS diode technologyType of frequency responseFlatMeasurement range0.018 - 20 A/mDamage Level (CW)35 A/m (350 A/m Peak 1 μs, period 100 μs)Dynamic range60 dBSensitivity0.018 A/mFrequency response (*)± 0.5 dB (30 MHz - 400 MHz) ± 1 dB (30 MHz - 1000 MHz) > -3 dB @ 25 MHzLinearity± 1 dB (0.04 to 4 A/m)Axial isotropy± 1 dBCalibration period24 months (recommended)Temperature range- 10 °C to 50 °CDimensions28.4 cm x 6 cm ØWeight95 g		
RMS diode technology  Type of frequency response Flat  Measurement range 0.018 - 20 A/m  Damage Level (CW) 35 A/m (350 A/m Peak 1 μs, period 100 μs)  Dynamic range 60 dB  Sensitivity 0.018 A/m  Frequency response (*) ± 0.5 dB (30 MHz - 400 MHz) ± 1 dB (30 MHz - 1000 MHz) > -3 dB @ 25 MHz  Linearity ± 1 dB (0.04 to 4 A/m)  Axial isotropy ± 1 dB  Calibration period 24 months (recommended)  Temperature range - 10 °C to 50 °C  Dimensions 28.4 cm x 6 cm Ø	Frequency range	30 MHz - 1000 MHz
Measurement range       0.018 - 20 A/m         Damage Level (CW)       35 A/m (350 A/m Peak 1 μs, period 100 μs)         Dynamic range       60 dB         Sensitivity       0.018 A/m         Frequency response (*)       ± 0.5 dB (30 MHz - 400 MHz)         ± 1 dB (30 MHz - 1000 MHz)       > -3 dB @ 25 MHz         Linearity       ± 1 dB (0.04 to 4 A/m)         Axial isotropy       ± 1 dB         Calibration period       24 months (recommended)         Temperature range       - 10 °C to 50 °C         Dimensions       28.4 cm x 6 cm Ø	Sensor type	
Damage Level (CW)       35 A/m (350 A/m Peak 1 μs, period 100 μs)         Dynamic range       60 dB         Sensitivity       0.018 A/m         Frequency response (*)       ± 0.5 dB (30 MHz - 400 MHz)         ± 1 dB (30 MHz - 1000 MHz)       > -3 dB @ 25 MHz         Linearity       ± 1 dB (0.04 to 4 A/m)         Axial isotropy       ± 1 dB         Calibration period       24 months (recommended)         Temperature range       - 10 °C to 50 °C         Dimensions       28.4 cm x 6 cm Ø	Type of frequency response	Flat
Dynamic range       60 dB         Sensitivity       0.018 A/m         Frequency response (*)       ± 0.5 dB (30 MHz - 400 MHz)         ± 1 dB (30 MHz - 1000 MHz)       > -3 dB @ 25 MHz         Linearity       ± 1 dB (0.04 to 4 A/m)         Axial isotropy       ± 1 dB         Calibration period       24 months (recommended)         Temperature range       - 10 °C to 50 °C         Dimensions       28.4 cm x 6 cm Ø	Measurement range	0.018 - 20 A/m
Sensitivity         0.018 A/m           Frequency response (*)         ± 0.5 dB (30 MHz - 400 MHz)           ± 1 dB (30 MHz - 1000 MHz)         > -3 dB @ 25 MHz           Linearity         ± 1 dB (0.04 to 4 A/m)           Axial isotropy         ± 1 dB           Calibration period         24 months (recommended)           Temperature range         - 10 °C to 50 °C           Dimensions         28.4 cm x 6 cm Ø	Damage Level (CW)	35 A/m (350 A/m Peak 1 μs, period 100 μs)
Frequency response (*)       ± 0.5 dB (30 MHz - 400 MHz)         ± 1 dB (30 MHz - 1000 MHz)       > -3 dB @ 25 MHz         Linearity       ± 1 dB (0.04 to 4 A/m)         Axial isotropy       ± 1 dB         Calibration period       24 months (recommended)         Temperature range       - 10 °C to 50 °C         Dimensions       28.4 cm x 6 cm Ø	Dynamic range	60 dB
± 1 dB (30 MHz - 1000 MHz)         > -3 dB @ 25 MHz         Linearity       ± 1 dB (0.04 to 4 A/m)         Axial isotropy       ± 1 dB         Calibration period       24 months (recommended)         Temperature range       - 10 °C to 50 °C         Dimensions       28.4 cm x 6 cm Ø	Sensitivity	0.018 A/m
Axial isotropy ± 1 dB  Calibration period 24 months (recommended)  Temperature range - 10 °C to 50 °C  Dimensions 28.4 cm x 6 cm Ø	Frequency response (*)	± 1 dB (30 MHz - 1000 MHz)
Calibration period 24 months (recommended)  Temperature range - 10 °C to 50 °C  Dimensions 28.4 cm x 6 cm Ø	Linearity	± 1 dB (0.04 to 4 A/m)
Temperature range - 10 °C to 50 °C  Dimensions 28.4 cm x 6 cm Ø	Axial isotropy	±1 dB
<b>Dimensions</b> 28.4 cm x 6 cm Ø	Calibration period	24 months (recommended)
2017 6111 / 0 6111 / 0	Temperature range	- 10 °C to 50 °C
Weight 95 g	Dimensions	28.4 cm x 6 cm Ø
	Weight	95 g

<sup>(\*)</sup> The frequency response can be corrected with the SMP2 by using the correction factors stored in the probe

### Compatible with SMP2, MonitEM

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



WPF60\_EN\_1811\_v1.2

