



PROBE 02H

Magnetic Field Probe: H Field, 300 kHz ÷ 30 MHz

Key Features:

- Frequency range: 300 KHz ÷ 30 MHz
- Dynamic Range: 60 dB
- Directivity: Isotropic

Typical Applications:

- Plastic welding systems, RF heating, tempering and drying equipment.
- Diathermy equipment and medical devices RF generating, NMR machines.
- Sensitive sites (hospitals).
- Broadcasting and Telecom services



Information subject to change without prior notice

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Magnetic Field Probe: H Field, 300 kHz ÷ 30 MHz

Description

The 02H probe is based on a set of three mutually orthogonal coils. The three, voltages which correspond to the spatial components are available individually at the probe output. The NHT 310 or NHT 3D meter calculates the resulting isotropic field strength.

This probe detects magnetic fields from 300 kHz to 30 MHz covering those fields that typically occur in Industrial and Medical environments (ISM). The characteristics of this probe comply with the requirements for instruments measuring human exposure to magnetic fields as required by law in both public and professional environments.

TECHNICAL SPECIFICATION	
Frequency range	300 kHz ÷ 30 MHz
Type of frequency response	Flat
Measurement range	0.016 ÷ 16 A/m
Dynamic range	60 dB
Sensor type	Coils
Directivity	Isotropic
Accuracy	
Flatness frequency response	±1.5 dB (0.5 MHz ÷ 30 MHz)
Linearity	±0.5 dB (2 ÷ 200 V/m)
Isotropic response (@ 20 MHz)	±0.5 dB

GENERAL SPECIFICATION	
Calibration Frequencies	0.3-0.5-1-3-5-10-15-20-25-30 (MHz)
Recommended Calibration Interval	24 months
Operation temperature	0°C ÷ 50°C
Size (mm)	327 x 60 Ø
Weight	120g
Country of origin	Italy

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