



PROBE 20H

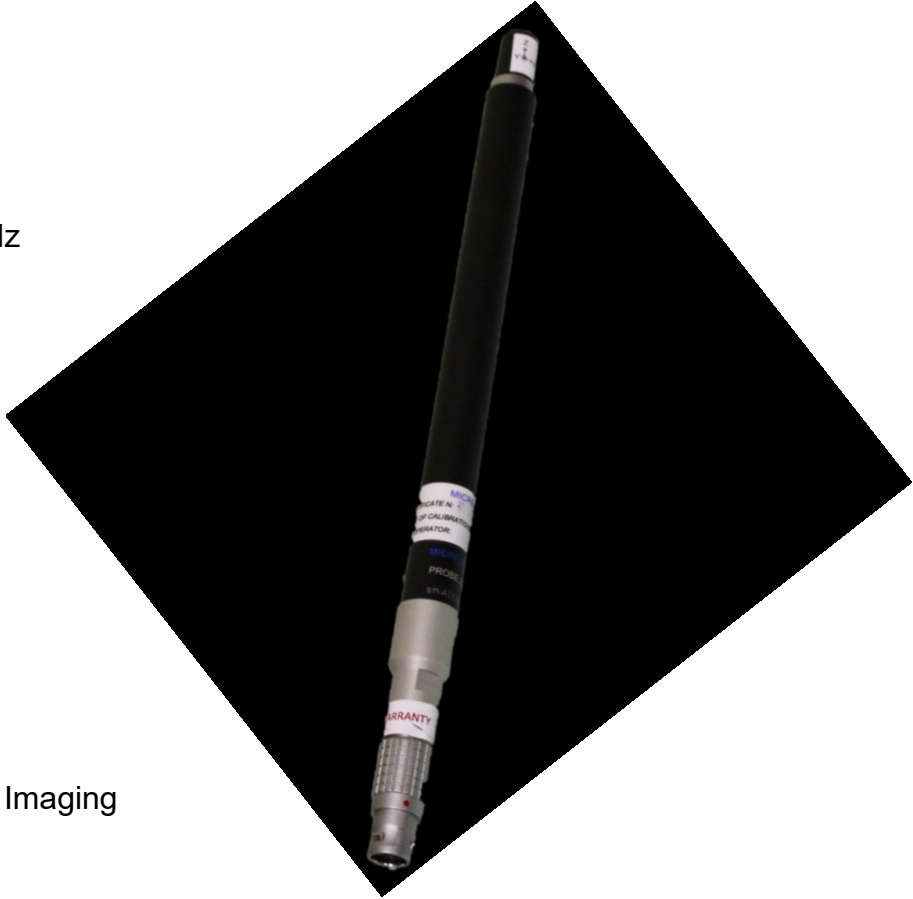
Magnetic Field Probe: B Field, DC ÷ 1000 Hz

Key Features:

- Frequency range: DC ÷ 1000 Hz
- Dynamic Range: >80 dB
- Directivity: Isotropic
- Sensitivity > 1mT
- Switchable high pass filter (cut-off @ 1.5Hz)

Typical Applications:

- MRI - Magnetic Resonance Imaging
- Electrolysis
- Railway: Power Supply Plants



Information subject to change without prior notice

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PROBE 20H

Magnetic Field Probe: B Field, DC ÷ 1000 Hz

Description

The 20H probe is based on three orthogonally arranged Hall sensors. 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. 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

The probe detects magnetic fields from 0 to 1000 Hz which typically occur in broadcasting, telecoms, ISM and industry. This probe is recommended for measuring human exposure to magnetic fields in the following environments: MRI-Imaging,

TECHNICAL SPECIFICATION	
Frequency range	0 ÷ 1000 Hz
Type of frequency response	Flat
Measurement range	1mT ÷ 5T
Dynamic range	74 dB
Sensor type	Hall sensors
Directivity	Isotropic
Accuracy	
Flatness frequency response	± 0.5 dB (0 Hz ÷ 1kHz) @ 5mT
Linearity	± 0.7 dB (5 ÷ 100 mT)
Isotropic response (@ 10mT)	± 0.5 dB

GENERAL SPECIFICATION	
Calibration Frequencies	0, 50, 500, 1000 MHz
Recommended Calibration Interval	24 months
Operation temperature	0°C ÷ 40°C
Size (mm)	278 x 16 Ø(mm)
Weight	63 g
Country of origin	Italy

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