



10B PROBE

Magnetic Field Probe: B Field, 1 Hz ÷ 400 kHz

Key Features:

- Frequency range: 1 Hz ÷ 400 kHz
- Dynamic range: > 80 dB
- Directivity: Isotropic

Compatibility:

- NHT310 and NHT3D meters

Typical Application:

- Power Lines
- Transformer Stations
- Power Industry
- Anti-theft Systems





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Description:

The 10B probe is based on a set of three mutually orthogonal coils. The signals from the three coils, corresponding to the spatial components of the field, are used by the NHT310 or NHT3D instruments to calculate the isotropic value.

The probe detects fields in the frequency ranges from 1 Hz to 400 kHz, allowing operators to cover low frequency applications in the industrial, transport, energy and medical sectors.

The high dynamic combined with the bandwidth of this probe makes it ideal for protectionist measurement of human exposure to magnetic fields in both public and professional environments.

TECHNICAL SPECIFICATIONS	
Frequency range	1 Hz ÷ 400 kHz
Type of frequency response	Flat
Measurement range	0.1 μ T ÷ 1 mT
Dynamic range	80 dB
Sensor type	Coils
Directivity	Isotropic
Frequency response	± 0.5 dB (50 Hz ÷ 50 kHz) @ 30 μ T
	± 1 dB (50 kHz ÷ 400 kHz) @ 30 μ T
Linearity	± 0.5 dB (1 μ T ÷ 500 μ T) @ 50Hz
	± 0.7 dB (500 μ T ÷ 1 mT) @ 50Hz
Isotropic response	± 0.5 dB @ 50Hz

GENERAL CHARACTERISTICS	
Recommended Calibration Interval	24 months
Operating temperature	0°C ÷ 50°C
Size	327 x 60 Ø (mm)
Weight	120 g
Country of origin	Italy