

PROBE 30B

100 cm² | Magnetic field B/H
5 Hz ÷ 400 kHz



- > Frequency range: 5 Hz ÷ 400 kHz
- > Dynamic Range: 80 dB
- > Directivity: Isotropic

EN 62233

ICNIRP 1998 / 2010

2004/40/CE e succ.

CEI 211-6

EN 50499

STANDARDS & GUIDE LINES

The 30B probe is based on a set of three mutually orthogonal coils. The high dynamic range together with the linearity satisfy the current requirements for assessment of magnetic field related to human exposure restrictions for both the population and the occupational.

The three voltages, corresponding to the spatial components, are available individually at the probe output. The NHT 310 meter calculates the resulting isotropic field strength.

The probe detects magnetic fields from 5 Hz to 400 kHz, covering the fields that occur in ISM and Industry

Typical Applications

- CEI EN 62233

Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

TECHNICAL SPECIFICATION		
Frequency range	5 Hz ÷ 400 kHz	
Type of frequency response	Flat	
Measurement range	300 nT ÷ 16mT	
Dynamic range	>94 dB	
Sensor type	Coils	
Directivity	Isotropic	
Accuracy	Flatness frequency response	± 7% (50 Hz ÷ 50 kHz)
	Linearity	± 7% (0.1 µT ÷ 1 mT)
	Isotropic response	± 6%
GENERAL SPECIFICATION		
Calibration Frequencies	5–16.7–50–150–500–1500–5000–15000–50000–100000–400000 (Hz)	
Recommended Calibration Interval	24 months	
Operation temperature	0°C ÷ 50°C	
Size (mm)	327 x 60 (mm)	
Weight	135 g	
Country of origin	Italy	

