



# 10H PROBE

Static Magnetic Field: B Field – DC

## Key Features:

- Frequency: DC
- Dynamic range: > 70 dB
- Directivity: Isotropic

## Compatibility:

- Strumenti NHT310 e NHT3D

## Typical Application:

- MRI - Magnetic Resonance Imaging
- Electrolysis
- Geomagnetism
- Shielding verification





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Static Magnetic Field: B Field – DC

## Description:

The 10H probe is based on a set of three mutually orthogonal Hall sensors. The probe, connected to the NHT 3D or NHT 310 meters, is able to measure the three X, Y, Z spatial components of the static magnetic field, and to obtain its isotropic value.

The probe detects only static magnetic fields, but it is able to report cases in which there are also 50Hz variable components of the field. The 10H probe is ideal for use in applications areas such as magnetic resonance, electrolysis, shielding verifications and geomagnetism.

### TECHNICAL SPECIFICATIONS

Frequency range	DC
Measurement range	1 $\mu$ T ÷ 4mT
Dynamic range	72 dB
Sensor type	Hall sensors
Directivity	Isotropic
Linearity	$\pm 0.5$ dB (10 $\mu$ T ÷ 4mT)
Isotropic response	$\pm 0.5$ dB

### GENERAL CHARACTERISTICS

Recommended calibration interval	24 months
Operating temperature	0°C ÷ 50°C
Size	300 x 16 $\varnothing$ (mm)
Weight	63 g
Country of origin	Italy