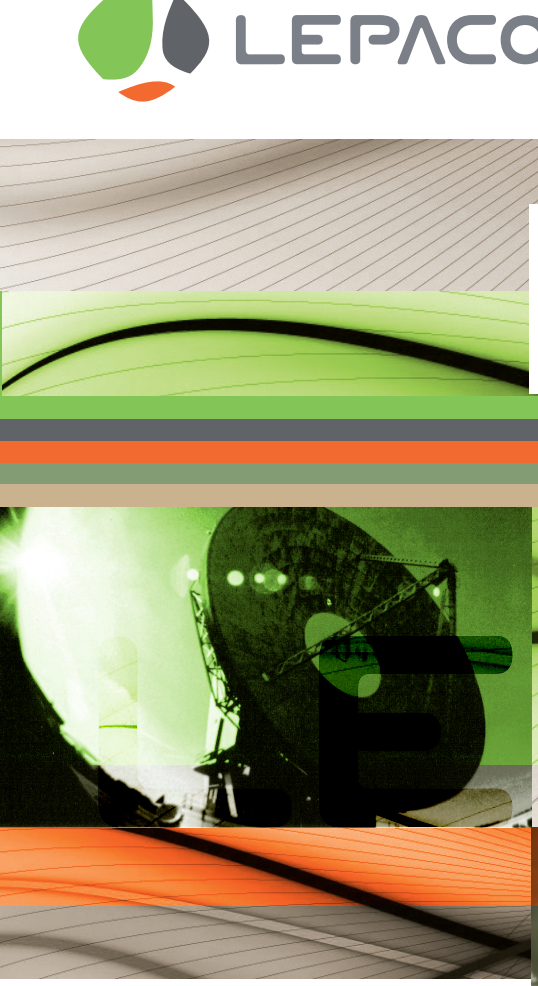
LEPACOM

PROBE 20H

Magnetic field B/H
0 Hz ÷ 100 Hz



MICRORAD

- Frequency range: 0 Hz ÷ 100 Hz
- Dynamic Range: 74 dB
- Directivity: Isotropic
- Sensitivity > 1mT

The 20H probe is based on three orthogonally arranged Hall sensors. 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 0 Hz to 100 Hz, covering the fields that occur in broadcasting, telecoms, ISM and industry. It is suggested for the measuring of the human exposure in the applications: MRI–Imaging, Electrolysis and power supply plants for railway stations.

STANDARDS & GUIDE LINES

D. Lgs. 81–2008
ICNIRP 1998 / 2010
2004/40/CE e succ.
CEI 211–6
EN 50499

Tipical Applications

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

TECHNICAL SPECIFICATION	
Frequency range	0 Hz ÷ 100 Hz
Type of frequency response	Flat
Measurement range	1mT ÷ 5T
Dynamic range	74 dB
Sensor type	Hall sensors
Directivity	Isotropic
Accuracy	± 1% / ± 300µT
Resolution	10µT
GENERAL SPECIFICATION	
Recommended Calibration Interval	24 months
Operation temperature	0°C ÷ 40°C
Size (mm)	278 x 16 (mm)
Weight	63 g
Country of origin	Italy

LEPACOM™

00144 Roma - Italia | Via Amsterdam, 120
tel +39 06 8117 8951/2 | fax +39 06 6220 6110 | info@lepacom.com | www.lepacom.com