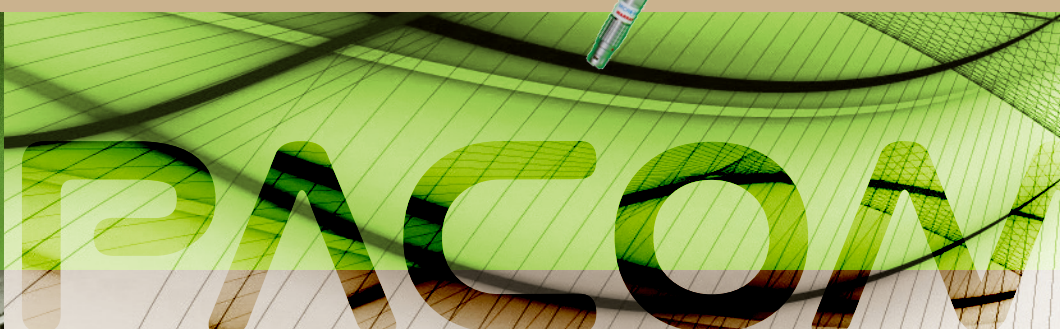
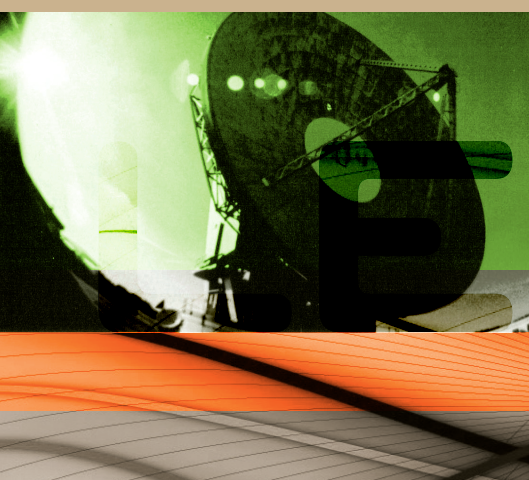


## PROBE 02H

Magnetic Field Probe H  
300 kHz ÷ 30MHz



**MICR**  **RAD**



- > Frequency range: 300 KHz ÷ 30 MHz
- > Dynamic Range: 60 dB
- > Directivity: Isotropic

D. Lgs. 81–2008

ICNIRP 1998 / 2010

2004/40/CE e succ.

CEI 211–7

EN 50499

STANDARDS & GUIDE LINES

The 02H probe is based on a set of three mutually orthogonal coils. 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 300 kHz to 30 MHz, covering the fields that occur in Industrial and Medical environments (ISM). This probe with its characteristics meets the current requirements for assessment of magnetic field related to human exposure restrictions for both the population and the occupational.

## Typical Applications

- Plastic welding systems, RF heating, tempering and drying equipment.
- Diathermy equipment and medical devices RF generating, NMR machines.
- Sensitive sites (hospitals).
- Broadcasting and Telecom services

### TECHNICAL SPECIFICATION

Frequency range		300 kHz ÷ 30 MHz
Type of frequency response		Flat
Measurement range		0.016 ÷ 16 A/m
Dynamic range		60 dB
Sensor type		Coils
Directivity		Isotropic
Accuracy	Flatness frequency response	±1.5 dB (0.5 MHz ÷ 30 MHz)
	Linearity	0.5 dB (2 ÷ 200 V/m)
	Isotropic response (@20 Mhz)	±0.5 dB

### GENERAL SPECIFICATION

Calibration Frequencies	0.3–0.5–1–3–5–10–15–20–25–30 (MHz)
Recommended Calibration Interval	24 months
Operation temperature	0°C ÷ 50°C
Size (mm)	327 x 60 Ø
Weight	120 g
Country of origin	Italy



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