ICR HH250-75 set

Near-Field Microprobe 0.5 MHz - 2 GHz



Short description

The near-field microprobe is designed for a high-resolution measurement of magnetic near fields. With the ICR H probe the following measurements can be performed:

- Surface Scan via IC according to IEC 61967-3
- Volumenscan via IC
- Pin Scan

The measuring coil at the ICR RF probe head is horizontally aligned to the measurement surface.
A preamplifier is integrated into the probe housing and powered by the Bias-Tee.
The ICR near-field probes undergo a quality check before they are delivered. Different reference setup measurements are performed and resulting correction lines are generated. Two different correction lines are determined – a standardized correction line and an H-field correction line.

Attention: Due to its construction, the ICR probe is sensitive to shock and comes with a protective cap for transport and handling.

Scope of delivery

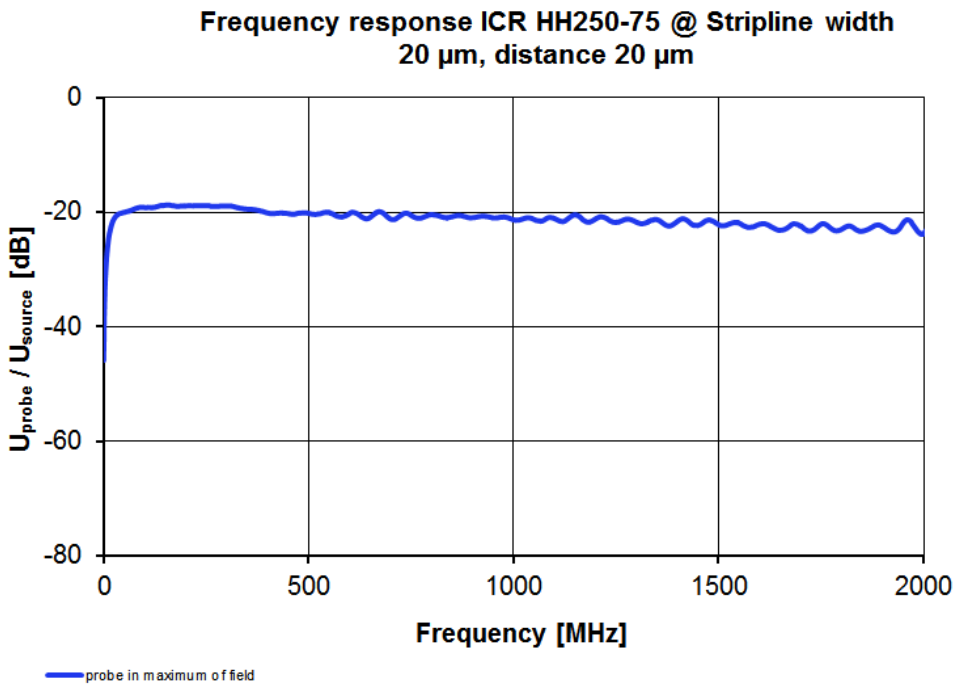
1x ICR HH250-75, Near-Field Microprobe 0.5 MHz to 2 GHz
1x BT 706, Bias Tee for Langer probes
1x SMA-SMA RA, Cable SMA-SMA, right angle
1x ICR-C, ICR Certificate
1x ICR Corr, Correction Curves ICR / USB
1x NT FRI EU, Power Supply Unit
1x ICR case1, System Case

Technical parameters

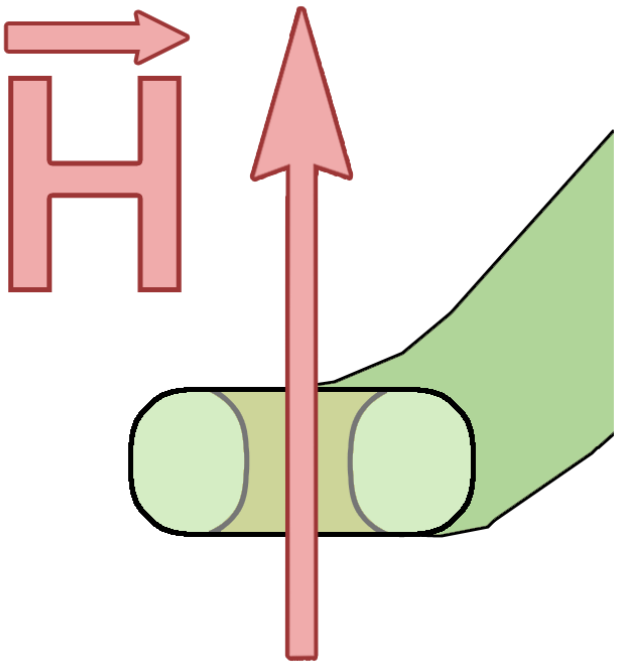
Frequency range	500 kHz ... 2 GHz
Resolution	150 µm
Internal diameter	250 µm

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Frequency response

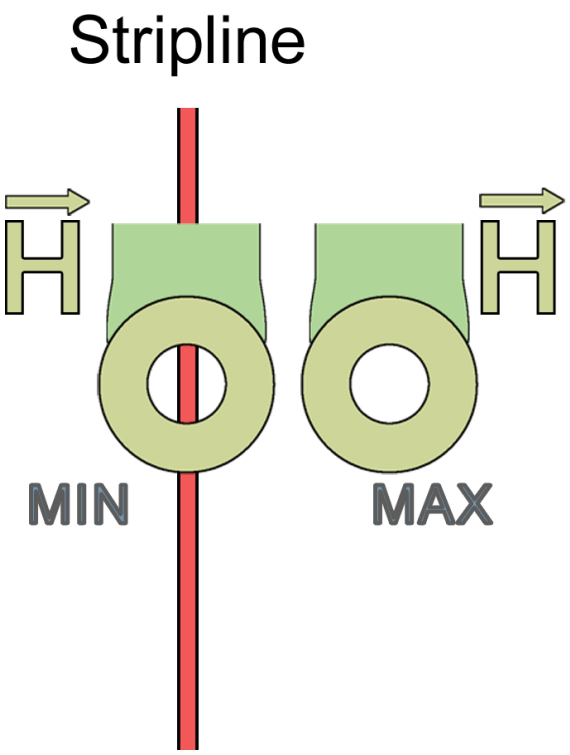


Measuring principles

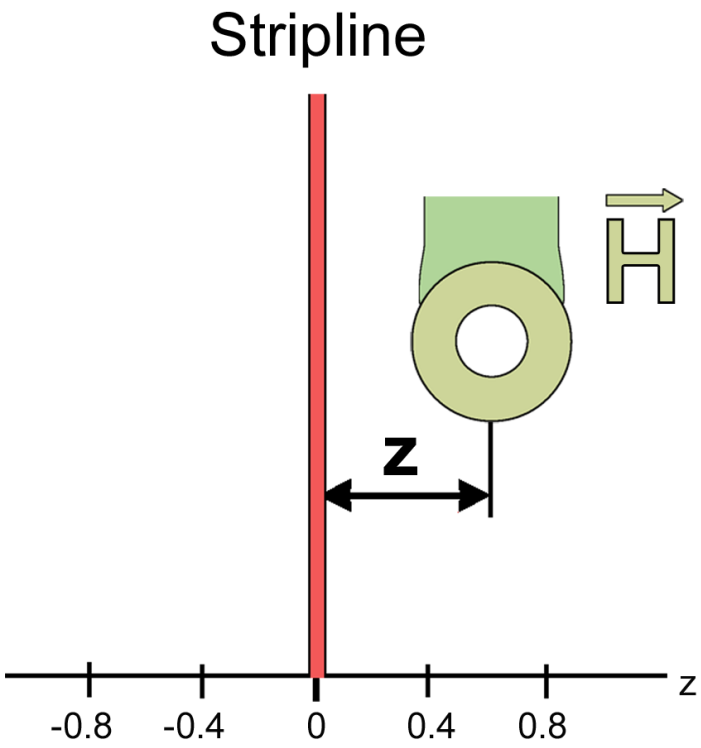


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Design, view 1



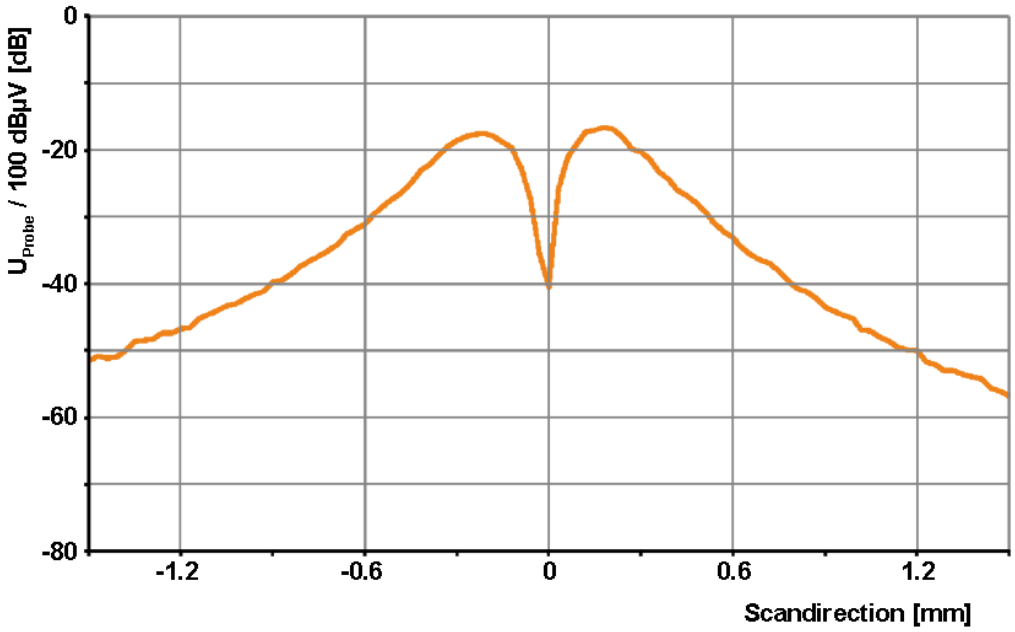
Design, view 2



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info@absolute-emc.com

Transverse profile



ICR HH250-75



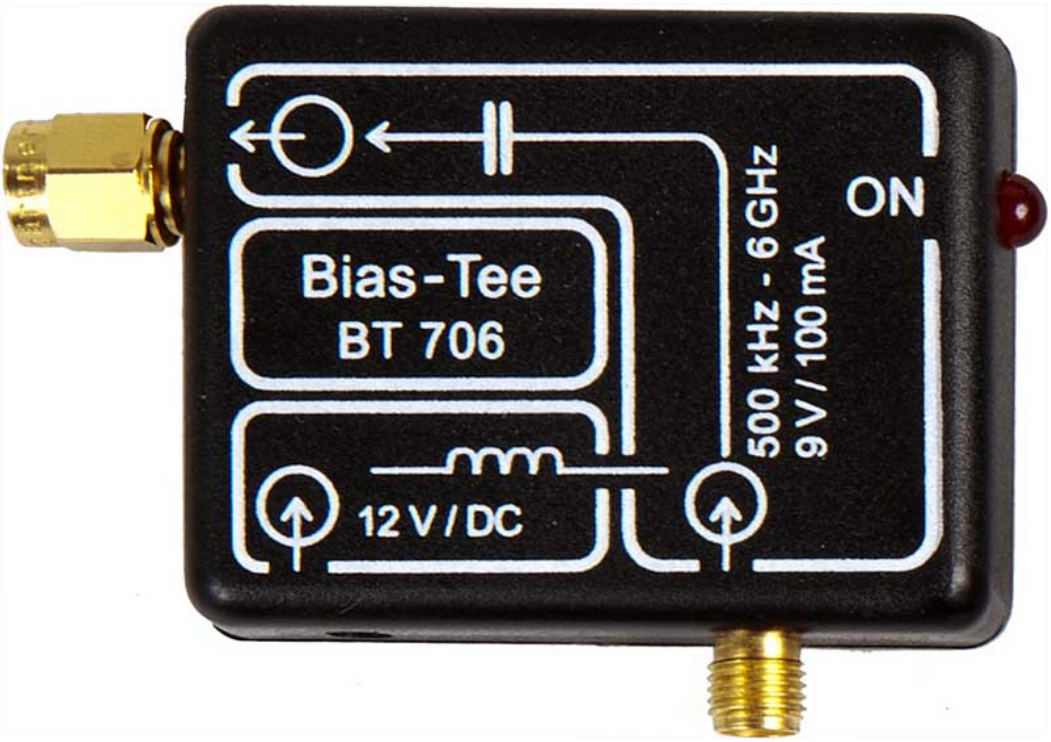
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LANGER EMV-Technik

BT 706 bias tee



Scope of delivery



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United States, Mexico, & Canada

absolute-emc.com
Phone:703-774-7505
info@absolute-emc.com