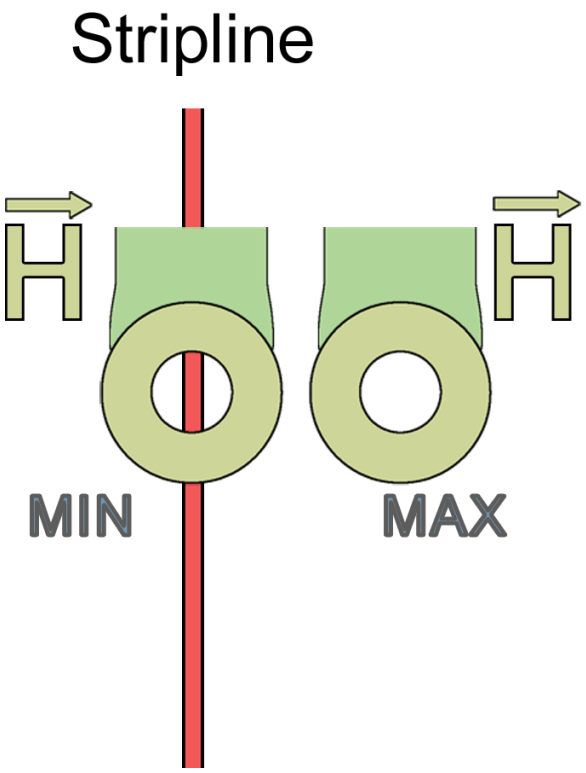
ICR HH Product Family

Near-Field Microprobes up to 6 GHz



Short description

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

- Surface Scan via IC according to IEC 61967-3
- Volumenscan via IC
  -Pin -Scan
  The measuring coil within the ICR -RF probe head is vertically aligned to the measurment surface.
  A preamplifier is integrated into the probe casing 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 a calibration curve is generated. Two different calibration curve are determined.

1)standardized calibration curve
2)H-field calibration curve

Caution: Due to its construction, the ICR probe is sensitive to shock and the delivery includes shipping and handling protection.

Scope of delivery

1x ICR HH100-27, Near-Field Microprobe 1.5 MHz to 6 GHz
1x ICR HH100-6, Near-Field Microprobe 2.5 MHz to 6 GHz
1x ICR HH150-27, Near-Field Microprobe 1.5 MHz to 6 GHz
1x ICR HH150-6, Near-Field Microprobe 2.5 MHz to 6 GHz
1x ICR HH250-6, Near-Field Microprobe 2.5 MHz to 6 GHz
1x ICR HH250-75, Near-Field Microprobe 0.5 MHz to 2 GHz
1x ICR HH500-6, Near-Field Microprobe 2 MHz to 6 GHz
1x ICR HH500-75, Near-Field Microprobe 200 kHz to 1 GHz

Technical parameters

Frequency range	(0.5 ... 6) GHz
Resolution	(60 ... 300) µm