

Stripline



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 measurement 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 curves 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

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