ICR E150 set

Near-Field Microprobe E-field 7 MHz up to 3 GHz



Short description

The near-field microprobe is designed for a high-resolution measurement of electrical 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 electrode 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 enclosed 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. one correction lines is determined – a standardized 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

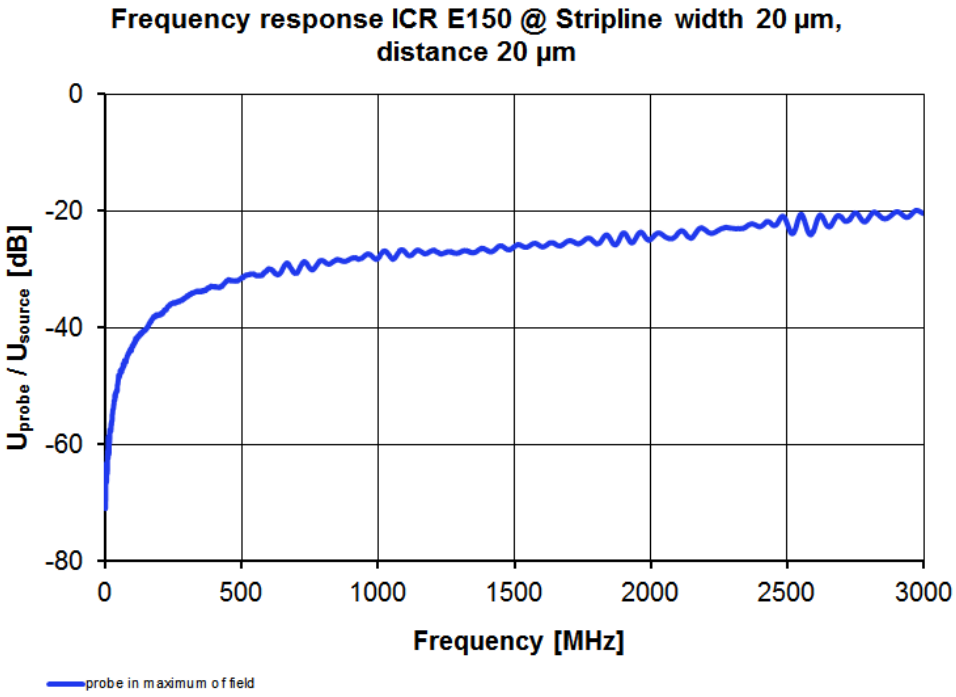
1x ICR E150, Near-Field Microprobe E-field 7 MHz to 3 GHz
1x BT 706, Bias Tee for Langer probes
1x SMA-SMA RA, Cable SMA-SMA, right angle
1x ICR-C, ICR Certificate
1x ICR Corr, Correction Curves ICR / USB
1x NT FRI EU, Power Supply Unit
1x ICR case1, System Case

Technical parameters

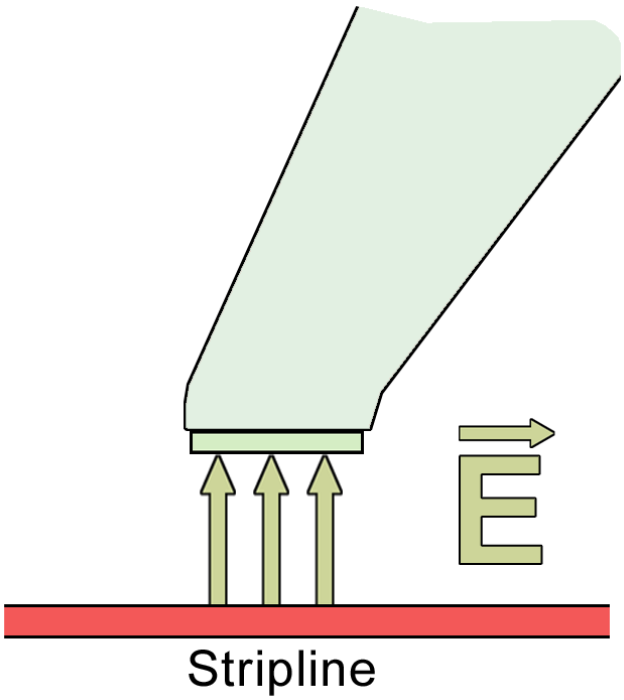
Frequency range	7 MHz ... 3 GHz
Resolution	65 µm
Electrode surface area	(150 x 35) µm

Sales Partner:
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Frequency response

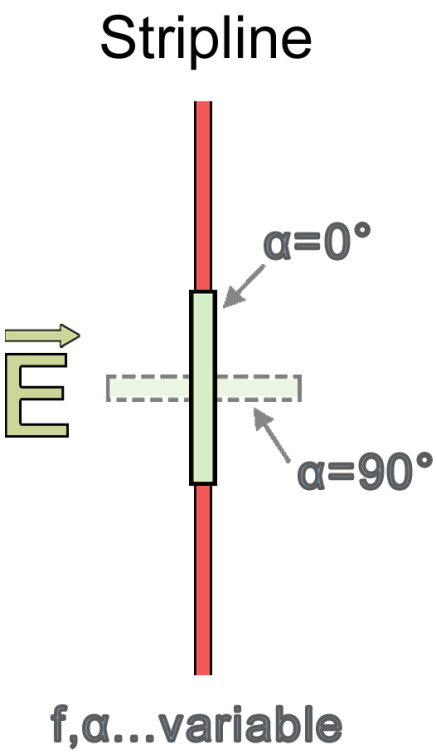


Measuring principles

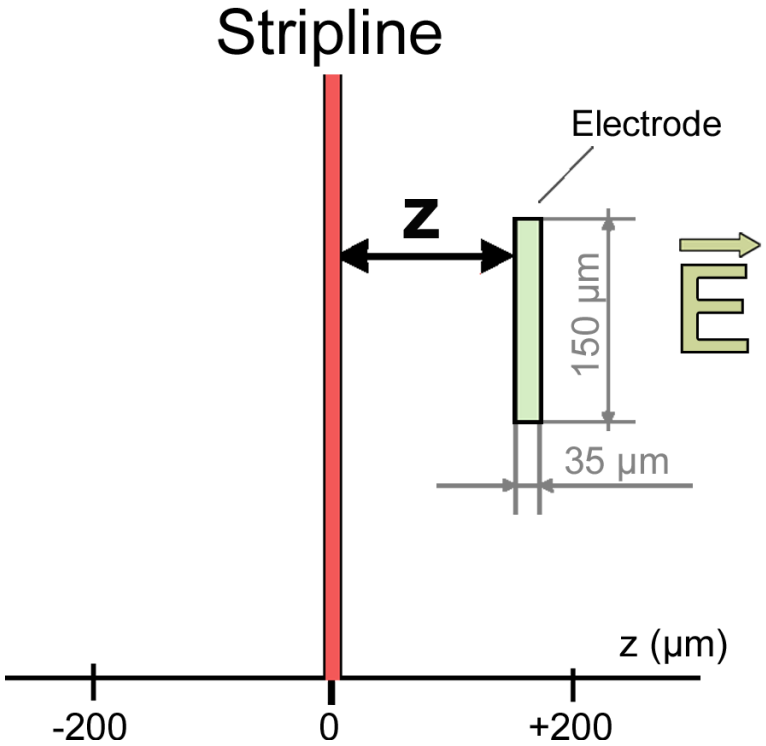


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Design, view 1

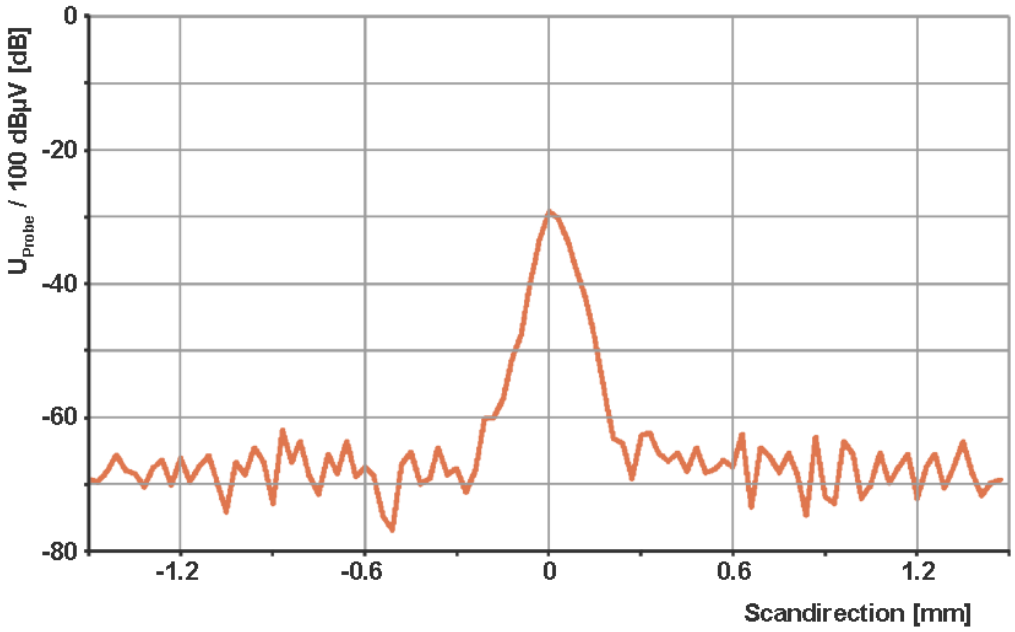


Design, view 2



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Transverse profile



ICR E150



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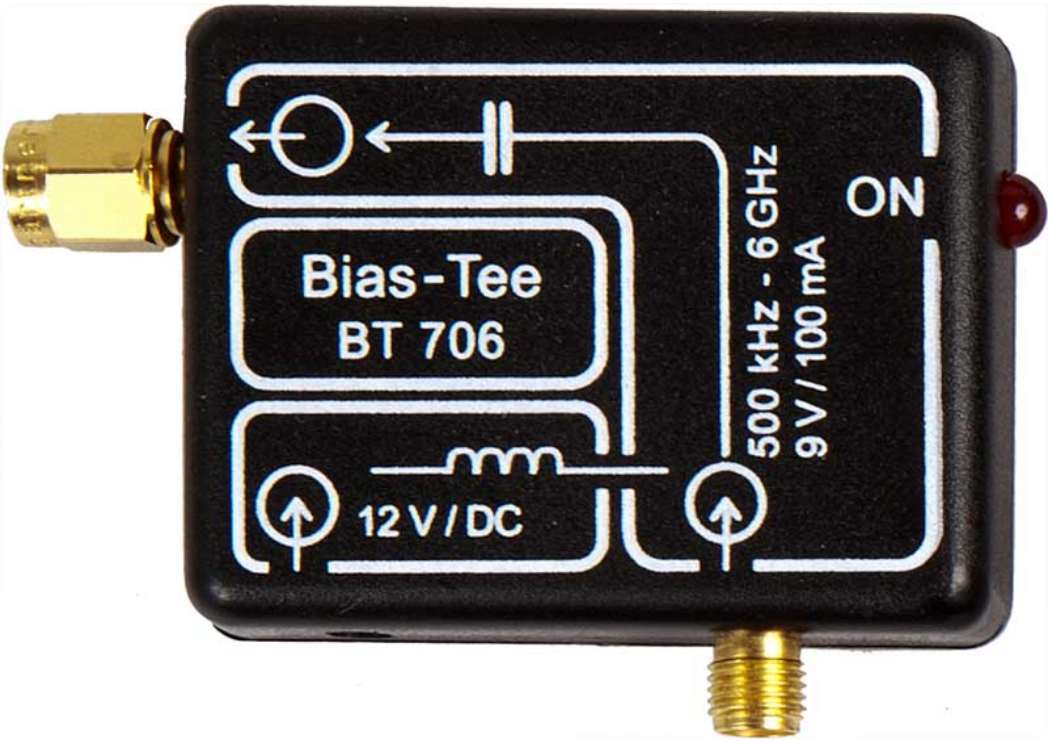
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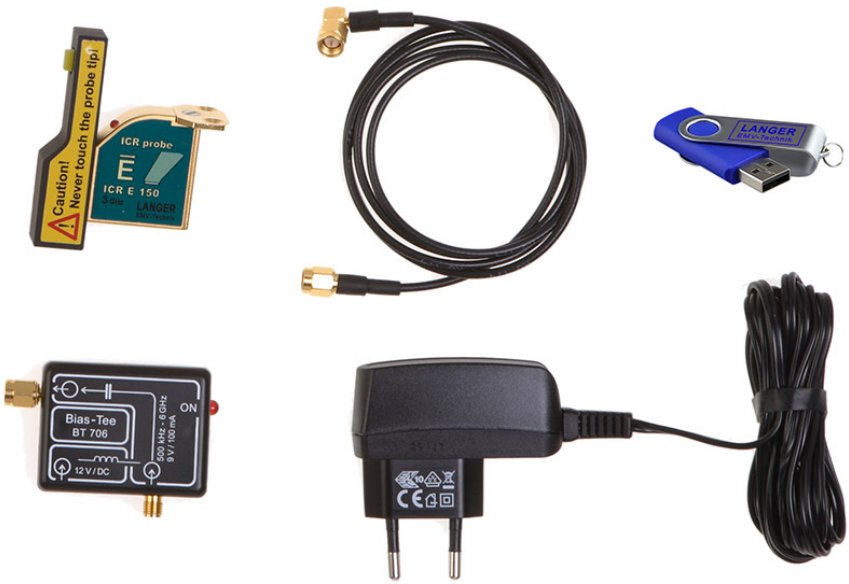
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BT 706 bias tee



Scope of delivery



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