

Declaration of Conformity

Manufacturer:
Langer EMV-Technik GmbH

Nöthnitzer Hang 31
01728 Bannewitz
Germany

Langer EMV-Technik GmbH herewith declares that following sets:

ICR-HH “xxx-x” set, Near-Field Microprobe set including the products:

- BT 706, Bias Tee for Langer probes and
- ICR HH100-6, Near-Field Microprobe or
- ICR HH100-27, Near-Field Microprobe or
- ICR HH150-6, Near-Field Microprobe or
- ICR HH150-27, Near-Field Microprobe or
- ICR HH250-6, Near-Field Microprobe or
- ICR HH250-75, Near-Field Microprobe or
- ICR HH500-6, Near-Field Microprobe or
- ICR HH500-75, Near-Field Microprobe

ICR E150 set, Near-Field Microprobe E-field set including the products:

- BT 706, Bias Tee for Langer probes
- ICR E150, Near-Field Microprobe

ICR-HV “xxx-x” set, Near-Field Microprobe set including the products:

- BT 706, Bias Tee for Langer probes and
- ICR HV100-6, Near-Field Microprobe or
- ICR HV100-27, Near-Field Microprobe or
- ICR HV150-6, Near-Field Microprobe or
- ICR HV150-27, Near-Field Microprobe or
- ICR HV250-6, Near-Field Microprobe or
- ICR HV250-75, Near-Field Microprobe or
- ICR HV500-6, Near-Field Microprobe or
- ICR HV500-75, Near-Field Microprobe

ICR 03 set, Near-Field Microprobe set including three of the Near-Field Microprobes above and

- BT706, Bias Tee for Langer Probes



conform with the following relevant regulations:

- EMC Directive 2014/30/EU
- Low-Voltage Directive 2014/35/EU
- Restriction of certain Hazardous Substances 2011/65/EU

The following applicable standards were used to implement the requirements specified by the forementioned directives:

- DIN EN IEC 61000-6-1:2019-11 (EMC immunity)
- DIN EN IEC 61000-6-3:2022-06 (EMC emission)
- DIN EN 61010-1:2020-03 (Safety)
- DIN EN IEC 63000:2019-05 (Restriction of hazardous substances)

Note: All Langer EMV-Technik Near-Field Microprobes are only to be used with Langer EMV-Technik BT 706 Bias Tee!

Name of the person authorized to compile the technical documentation:

Katja Langer
Bannewitz, 2026-05-20
Signature:

K. Langer, CEO

ICR HH, HV and E150 sets Near-Field Microprobe sets

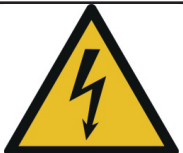


Scan Now: User Manual

https://www.langer-emv.de/downloads/ICR_sets

Safety

Labels and Signs

		
General warning sign	Warning; Electricity	Prohibition sign; No access for people with active implanted cardiac devices.
Table 1: Safety signs		

Safety instructions in this user manual are marked by symbols (Table 1). Observe the safety precautions and act cautiously to avoid accidents as well as personal and material damages.

Intended Use

The ICR-Probe set is intended for the investigation of field-related electromagnetic emissions from integrated circuits. The probes included in the set are designed for measuring high-frequency magnetic and electric fields. They convert the field quantities into measurable currents and voltages. The probes may only be used by personnel qualified in the field of EMC for measuring these near fields. They are designed for connection to spectrum analyzers, oscilloscopes, and comparable measuring instruments.

Since these are near-field probes, touching the device under test (DUT) or making electrical contact is not necessary for proper operation.

Staff Requisition

Only qualified staff with training, knowledge, and experience in the field of EMC is allowed to operate the ICR-Probe set. Persons whose ability to perform is influenced or impaired by alcohol, drugs, or pharmaceuticals, are not allowed to operate the ICR set.

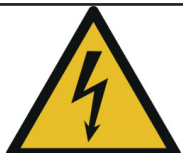
Reasonably foreseeable Misuse

	Danger resulting from misuse! Misuse of the ICR sets can lead to dangerous situations!
Warning	

Incorrect applications of the sets include:

- Use of the product outside of the given specifications.
- Modification or changes to the product without the consent of Langer EMV-Technik GmbH.
- Operation of the product with a technical defect.

Safety Instructions

	Danger resulting from electricity! Risk of injury by electrocution! Risk of burns due to heat!
Warning; Electricity!	



Information on Recycling and Disposal

In accordance with the WEEE Directive 2012/19/EU (Waste Electrical and Electronic Equipment), the following must be observed:

At the end of its service life, this product should be taken to a suitable disposal facility for recycling and disposal. Do not dispose of with household waste.

Warranty

Langer EMV-Technik GmbH shall remedy all defects attributable to material or manufacturing faults within the statutory warranty period by repairing the product or supplying replacement parts.

This guarantee is only granted on condition that:

- the information and instructions in the operating instructions are observed.

The guarantee expires if:

- an unauthorized repair is carried out on the product
- the product is modified
- the product is not used as intended

Customer service

Please contact us if you have any questions, comments or suggestions.

You can contact us:

Monday – Friday
8:00 a.m. – 3:00 p.m.

Contact us at:

Address: Langer EMV-Technik GmbH
Nöthnitzer Hang 31
01728 Bannewitz
Germany

Web: www.langer-emv.de
E-mail: sales@langer-emv.de
Phone: +49 (0) 351-430093-0
Fax: +49 (0) 351-430093-22

Calibration

We recommend having the product calibrated every two years by the manufacturer Langer EMV-Technik GmbH or by a certified service partner.