

ICI sets

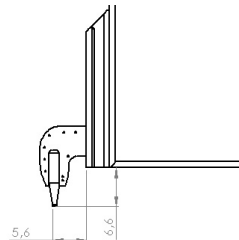
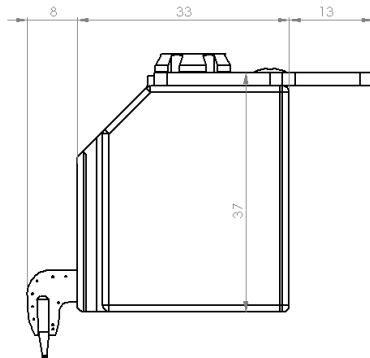
Pulse Magnetic Field Source sets

Langer EMV-Technik GmbH is expanding its range of ICI tips. The tip sizes of **250 µm** and **1000 µm**, already well-known from the ICI-DP series, are now also available for the ICI series. This means the following ICI probes are now available:

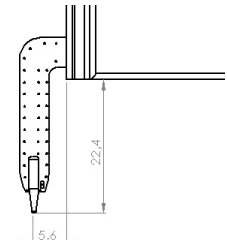
The new probes (**ICI HH250-15 L-EFT & ICI HH1000-15 L-EFT**) can either be added to an existing ICI set or purchased as a set with the BPS 202.

In addition to the standard tip type 01, Langer EMV also offers further tip types upon customer request, as shown in the following illustrations.

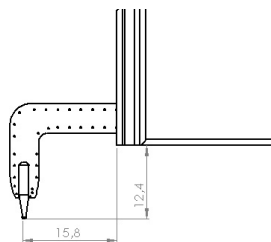
Tip Types:



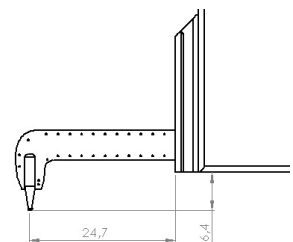
Tip Type 01



Tip Type 03



Tip Type 02



Tip Type 04

Click here for more information:



SALES-PACK
download



Summer School 2025

in Sønderborg – Denmark



From August 4 to 8, 2025, we participated in the International EMC Summer School at Syddansk Universitet – University of Southern Denmark in Sønderborg. The event offered inspiring lectures, practical insights, and intensive professional exchange on the subject of electromagnetic compatibility.

Langer EMV-Technik contributed with the lecture “How to solve EMC immunity and emission problems in practice.” The focus was on practical strategies for solving immunity and emission challenges – in particular, the targeted use of near-field probes and generators for the analysis of electromagnetic interference. In addition, we carried out several hands-on demonstrations that provided participants with concrete and practice-oriented solutions.

A particularly valuable aspect was the international orientation of the Summer School. Experts and young researchers from various countries came together to discuss current research results, innovative approaches, and practical experiences. This exchange across national borders enriched the event and provided new impulses for our own work.

Our special thanks go to the University of Southern Denmark and especially to Assoc. Prof. Mohamed Kheir for the excellent organization and well-structured program. The variety of inspiring conversations, practical insights, and current research approaches made our participation a thoroughly rewarding experience.



EMC Europe 2025

in Paris – France

We are pleased to participate in EMC Europe in Paris, September 1–5, 2025.

Together with our distributor EMC Partner, we will be on site and present systems for the developer's workplace as well as for laboratory workstations at universities and institutes.

Our product highlights:

- ESA1 – emission optimization of DUTs, comparison of reference measurements with the CS-ESA software, the shielding tent enables precise EMC measurements up to 1 GHz directly at the developer's workplace – by shielding external fields.
- E1 – design-in debugging, fast and precise identification of weak points for burst disturbances, determination and verification of the effectiveness of EMC measures
- Scanner ICS 105 – automated and high-resolution (10 µm) 3D near-field scan of electromagnetic fields

Come and visit us – we look forward to professional exchange and your questions on EMC measurement technology!



CHES 2025

in Kuala Lumpur – Malaysia

From September 14 to 18, 2025, the Conference on Cryptographic Hardware and Embedded Systems (CHES) will take place in Kuala Lumpur – the world's leading conference for research in the design and analysis of cryptographic hardware and software implementations.

This year, we will be present as an exhibitor and will demonstrate how our measurement solutions support modern security research on integrated circuits.

Our presentations will focus on:

- EM Fault Injection: Using our ICI and ICI-DP probes, we will show how disturbances can be deliberately introduced at the IC level.
- Side-Channel Analysis: With our ICR near-field microprobes and classical near-field probes, we will demonstrate high-resolution measurements of magnetic and electric fields for the evaluation of security aspects.

Our engineers will be on site to demonstrate these applications in detail. In addition, we will be happy to answer questions related to EMC measurement technology.

We look forward to meeting you in Kuala Lumpur and presenting our solutions live.

[Fault injection with Langer ICI DP HH500 15](#)



EMC Conference 2025

in Seibersdorf – Austria

From September 23 to 25, 2025, the EMC Conference 2025 will take place in Seibersdorf. This long-standing event, organized by Seibersdorf Labor GmbH, is one of the central industry meeting points for practical EMC knowledge, technical presentations, and professional exchange.

We will be on site with our EMC measurement technology and will be happy to answer your questions about our products. In discussions and demonstrations, we will present our systems and highlight their application possibilities.

Presentation by Carsten Stange:

We are particularly looking forward to the contribution of our colleague Carsten Stange, who will give his presentation “Shield Penetration in the Near Field – An Alternative Method for the Characterization of Shielding Materials” during the conference. In it, he will present a method for determining the material parameters R , L , and C , which enables a well-founded evaluation and comparison of different shielding materials.

We look forward to welcoming you in Seibersdorf and to personal exchange on site!

