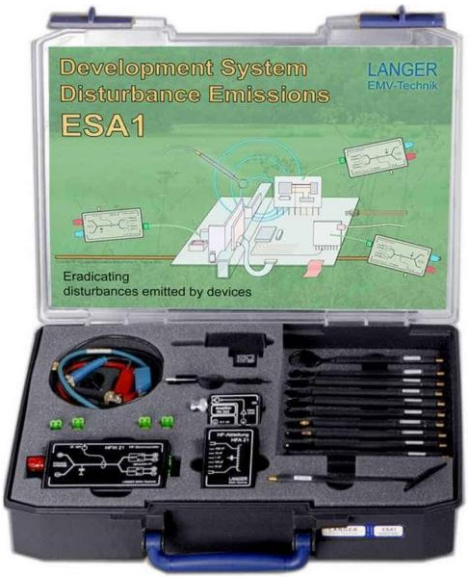






Langer EMV-Technik – Specialized EMC Measurement Products for Precise EMC Pre-Compliance Testing

Langer EMV-Technik (Germany) is in the forefront of research, development, and testing in the EMC world. Langer's interference emission and interference immunity EMC measurement technology and IC test systems are used in research and development situations worldwide. Developers and designers can gain new perspectives and efficient design strategies for module- and IC development with the EMC know how and measurement technology products from Langer EMV-Technik GmbH. The individual pre-compliance products help developers and designers quickly find solutions to complex EMC problems in IC, device, and module development. Products offered include PCB Immunity, PCB Emission, IC Test, IC Security, Positioning Systems, etc.

Langer EMV-Technik manufactures specialized, professional-grade electromagnetic compatibility (EMC) and signal integrity testing equipment (such as near-field probes, IC immunity test systems, and burst generators), so it's hard to find traditional consumer-style star ratings or reviews.

Instead, professional feedback, industry application notes, and peer discussions among hardware and compliance engineers consistently highlight several key themes:

What Professionals Appreciate:

- **High Spatial Resolution:** Engineers frequently praise Langer's near-field micro-probes (like their high-frequency H-field and E-field probe sets) for their exceptional localization accuracy, allowing R&D teams to pinpoint microscopic EMI noise sources directly on complex PCBs or individual IC pins.
- **Effective Debugging of Transient Issues:** Their specialized pulse generators and IC-level immunity test systems (such as ESD and EFT/burst injection kits) are widely noted for helping labs replicate and isolate elusive compliance failures before formal pre-compliance testing.
- **Niche Problem-Solving:** Reviewers and technical articles often emphasize that Langer fills a unique gap in the market by providing tools designed specifically to test IC susceptibility and side-channel vulnerabilities, which standard generic lab equipment cannot easily accomplish.

Common Considerations:

- **Learning Curve:** Technical community discussions often point out that getting accurate, repeatable results requires a good understanding of RF behavior and proper measurement setups. Improper probe handling or grounding can easily lead to poor results.

Langer-EMV products are available in North America from Saelig Co. Inc. www.saelig.com support@saelig.com

- **Specialized Cost:** As high-end laboratory gear distributed via technical test-and-measurement houses like Saelig, users recognize them as a serious investment intended strictly for professional compliance, hardware development, and EMC engineering labs rather than hobbyists.