# PT4 set
## EFT Generator Set




## Short description

The PT4 set is used to analyze immunity of assemblies and devices efficiently. The PT4 burst transformer converts the pulses of the EFT/burst generator into potential free burst pulses. These are injected into individual sections of the device under test, enabling the developer to locate its susceptible areas.
The set includes a magnetic and an electric field source which are also supplied by the EFT/burst generator. The field, which emerges from the head of the field source, is used to scan the surface of the device under test. This allows the weak spots to be located with precision and assigned to the fault patterns that occur in compliance tests. The burst transformer and the connecting cable come with either an SHV plug (HV SHV-SMB 1 m) or a Fischer plug (HV FI-SMB 1 m). Please select the desired connector/plug when ordering.

Measurements taken with an oscilloscope during interfence are possible because the pulses from the burst generator are galvanically isolated. This allows for a significant reduction in faulty measurements despite possible interference.

## Scope of delivery

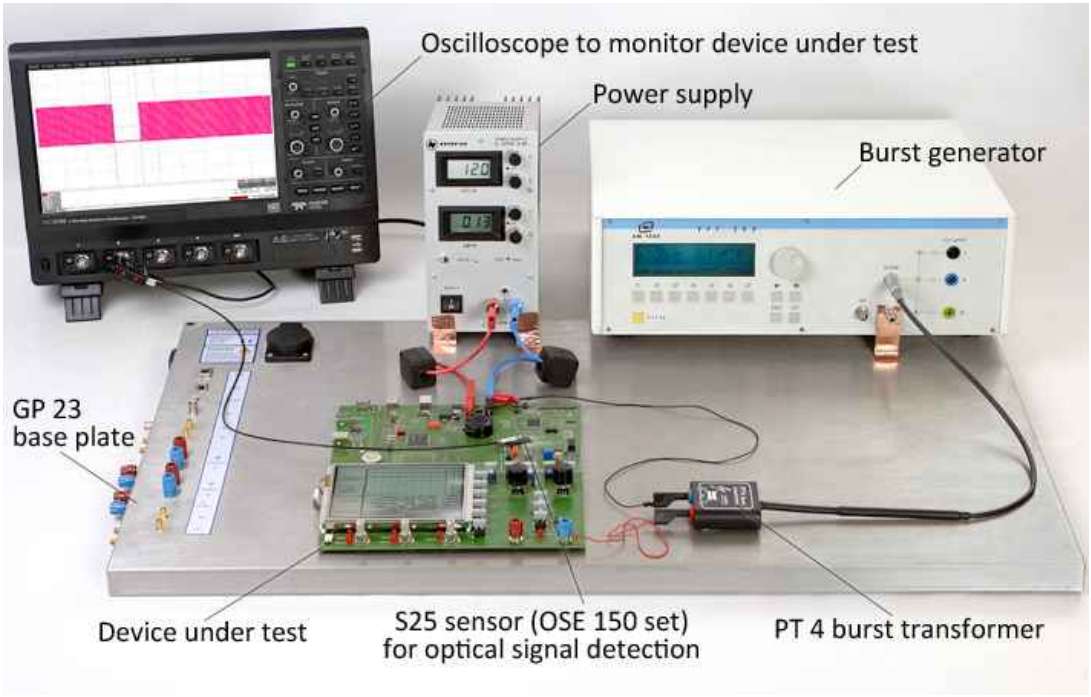
1x PT4, Burst Transformer
1x BS 04DB-h, Magnetic Field Source
1x ES 05D-h, E-Field Source
1x HV SHV-SMB 1 m, High-Voltage Cable, SHV SMB
1x PT4 acc, Accessories
1x PT4 case, System Case
1x PT4 m, PT4 Set User Manual

## Technical parameters

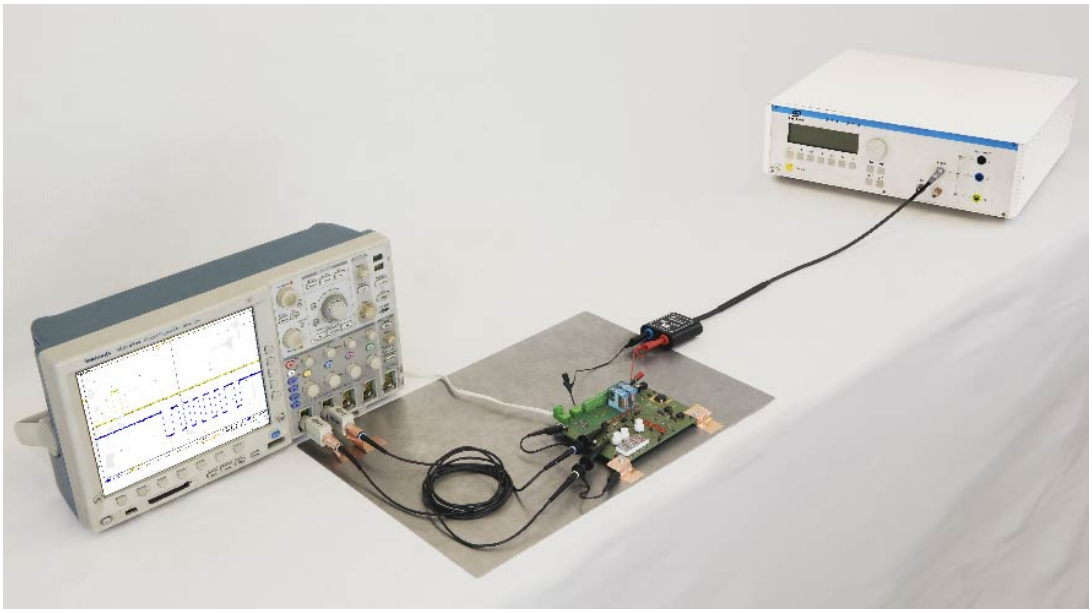
| **PT4 Burst Transformer** | |
|---|---|
| Max. burst voltage | 4.5 kV |
| Transformation ratio | 1:1 |
| Dielectric strength of outputs | 500 V / DC, AC 50 Hz |

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## Application PT4 set




## Measurement set-up with PT4

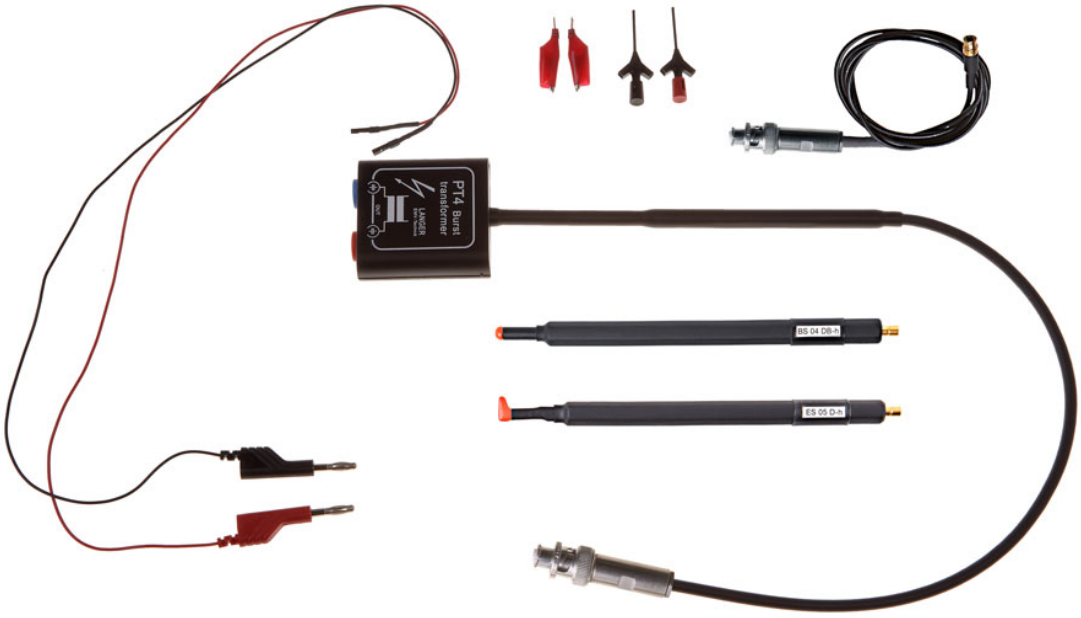


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LANGER
EMV-Technik

Scope of delivery PT4 set




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