

# MP ESD Generator Calibration set

Measurement of the Discharge Current Waveform

**LANGER**  
EMV-Technik



## Short description

The MP ESD generator calibration set measuring station measures the curve shape of an ESD generator discharge current. Furthermore, transient processes in the discharge current curve shape can be measured and visualized in the frequency range up to 3 GHz. During testings, these transient processes have influence on the testing results. The scattering between different types of ESD generators can be traced back (among others) to this phenomenon. To achieve a reproducible testing result, the discharge current curve shape, which is generated by the ESD generator and defined by the IEC 61000-4-2, should be regularly checked. The mobile measuring station fits on the developer's work place and can be easily installed and removed. On request, the MP ESD generator calibration set is available in a taller work space (900 x 500 x 650) mm.

## Scope of delivery

- 1x SM 02-01 SMA, Shunt
- 1x GND 25, Ground Plane
- 1x BZ 23-1, Shielding Material
- 2x SMA-SMA 1 m ds, SMA-SMA Double-Shielded Measurement Cable
- 1x SMA-SMA rt 0.7 m ds, SMA-SMA Measurement Cable, red
- 1x SMA-SMA ge 0.7 m ds, SMA-SMA Measurement Cable, yellow
- 1x MP ESD calibration case, System Case
- 1x GNDA 02, Ground Adapter 32.9 mm x 32.9 mm
- 1x GP 23, Ground Plate
- 1x ZG 23-1, Tent Poles
- 2x SMA-SMA 1m sm
- 1x SMA-SMA bl 0.7 m ds, SMA-SMA Measurement Cable, blue
- 1x SMA-SMA gr 0.7 m ds, SMA-SMA Measurement Cable, green
- 1x MP ESD calibration m, MP ESD Calibration Set User Manual

## Technical parameters

Frequency range	1 GHz
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## Application

