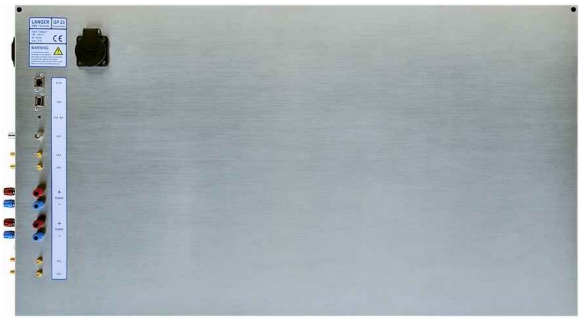
# GP 23
## Ground Plate



## Short description

The GP 23 ground plate is used as reference ground plane for EMC measurements and for shielding devices under test or corresponding measuring devices. The electric connections between the ground plate and the environment are led outward via filter or RF connections to the outside.
Power supply connection:
110/230 V; 4x 50 V; 12 V
Device under test connection:
RJ45; USB; 1x BNC; 4x SMA

The filtered 230 V safety plug is used to power the measuring devices located on the ground plate, e.g. oscilloscope, spectrum analyzer, power amplifier. During EMC tests (ESD, Burst ect.) these devices are shielded from disturbances with the help of the shielding tent. Via Ethernet or USB connection the measuring devices can be remotely operated from the outside. The devices under test can be monitored and controlled from the outside as well. The 3.5 mm connector powers the equipment, e.g. preamplifiers on the ground plate. Preamplifiers are used for measurements with near-field probes or HFW 21. The BNC RF transit transmits the near-field probe test signals to the spectrum analyzer. The 4x SMA RF transits can be used as transits for the measurement channel of an oscilloscope. The 4 filtered transits for laboratory cables power the device under test located on the ground plate.

## Technical parameters

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|---|---|
| **Current** | 10 A |
| **Dielectric strength** | 50 V |
| **Working surface (length x width)** | (900 x 500) mm |
| **Weight** | 9,25 kg |

Design, view 1