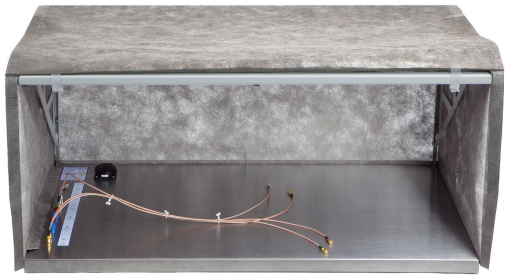
MP Scope set

EMC Measurement with an Oscilloscope



Short description

The MP Scope measuring station is a mobile shielded room (shielded tent) for sensitive measuring devices during Burst-/EFT- or RF testings at the work place of a developer. The measuring device (oscilloscope, spectrum analyzer) is put into the shielded tent. The connection to the disturbed environment is maintained via shielded SMA-SMA cables and a shielded transit within the base plate. The measuring device is powered via the filter of the base plate. It is quite common to measure with devices like an oscilloscope or a spectrum analyzer at electronic assemblies. If the measurement should be done under disturbances, there is a risk that the measuring device could be susceptible to interference. In order to prevent the interference of the measuring device it is put into the shielding tent of the MP Scope measuring station. The signals of the electronic devices to be measured are transmitted via shielded connections to the MP Scope measuring station and measuring device.
On request, the MP Scope measuring station is available with a taller working space (900 x 500 x 650) mm.

Scope of delivery

1x GP 23, Ground Plate
1x BZ 23-1, Shielding Material
1x ZG 23-1, Tent Poles
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 SMA-SMA gr 0.7 m ds, SMA-SMA Measurement Cable, green
1x SMA-SMA bl 0.7 m ds, SMA-SMA Measurement Cable, blue
1x MP Scope m, MP Scope Set User Manual

Technical parameters

Attenuated shielding	45 dB - 50 dB / 30 MHz - 1 GHz
Working surface (length x width)	(900 x 500) mm
Weight	13,5 kg
Sizes (L x W x H)	(900 x 500 x 400) mm

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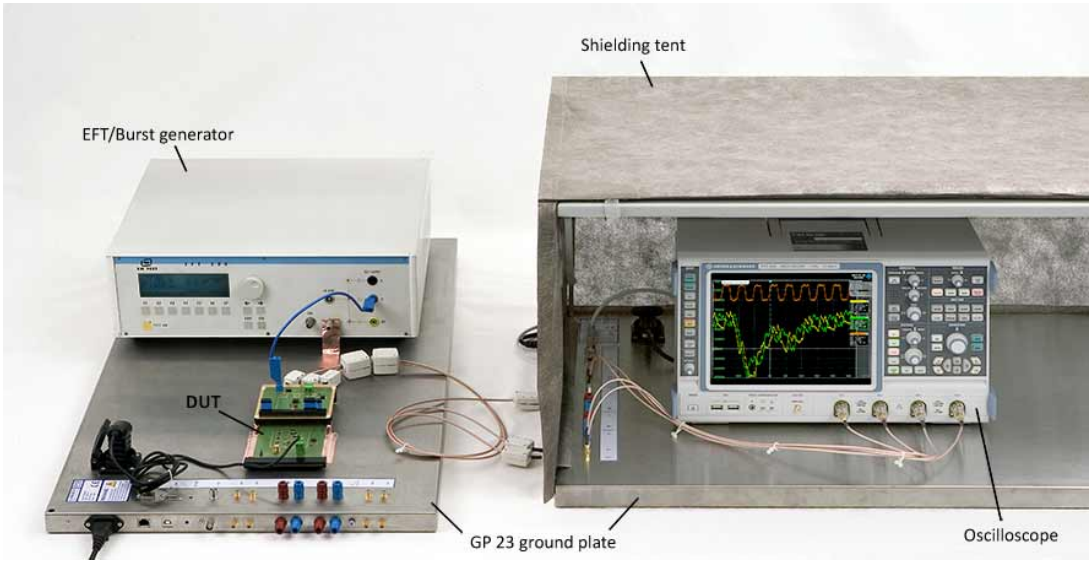
Application with MP scope