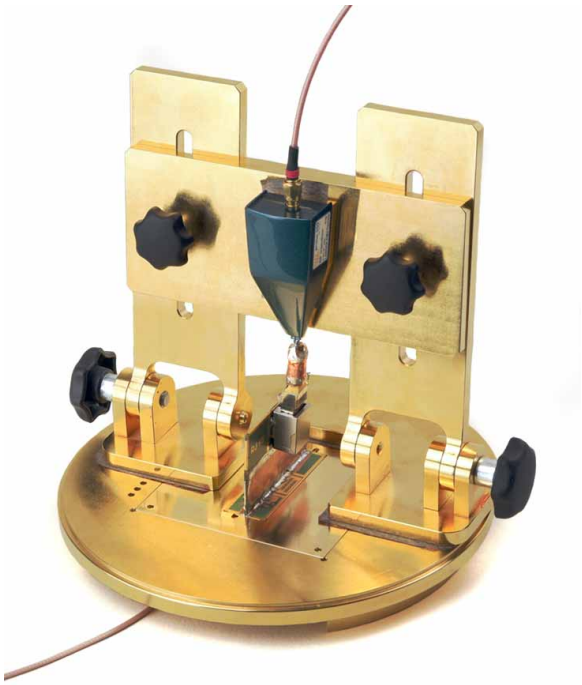
MP CI set

Coupling Inductance Measurement Station for Connectors and Cables



Short description

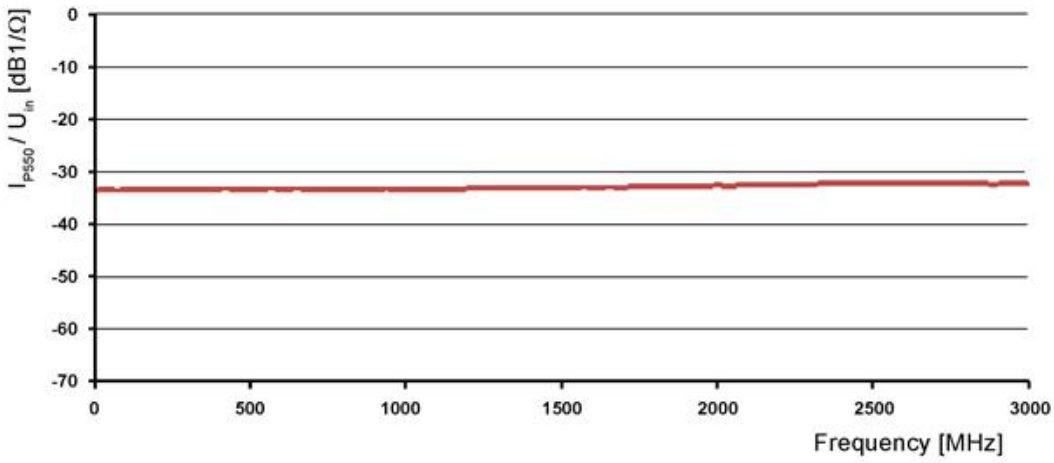
The MP CI set coupling inductance measurement station is used to determine EMC characteristics of connectors and cables. The coupling inductivity defines the coupling inductance of external disturbances on the shield or on the ground with the desired signals. If the coupling inductivity is considered in the construction set-up and the pin or wire assignment of connectors or cables, then the connectors or cables will be more interference-resistant.
The MP CI set can be used for following measurements at connectors or cables:

1. measurement of a single signal (common mode)
2. measurement of a symmetrical signal (common mode)
3. measurement of a symmetrical signal (differential mode)

Scope of delivery

1x P550, Power Injection Probe
1x GNDA 03, Ground Adapter 22.9 mm x 68.3 mm
1x CS-CI, ChipScan Coupling Inductance Software / USB
1x SMA-SMA 1 m, SMA-SMA Measuring Cable
1x HCF, High Conductive Fleece
1x MP CI m, MP CI Set User Manual
1x GND 25, Ground Plane
1x KT 102, Contact Table for Probe
1x Dongle, Licence Dongle
1x SR SMB 10 cm, Semi-Rigid Coaxial Cable
1x MP CI case, System Case

Current transfered by P550 measured on a load of 1 Ohm



Measurement set-up with Spectrum Analyzer