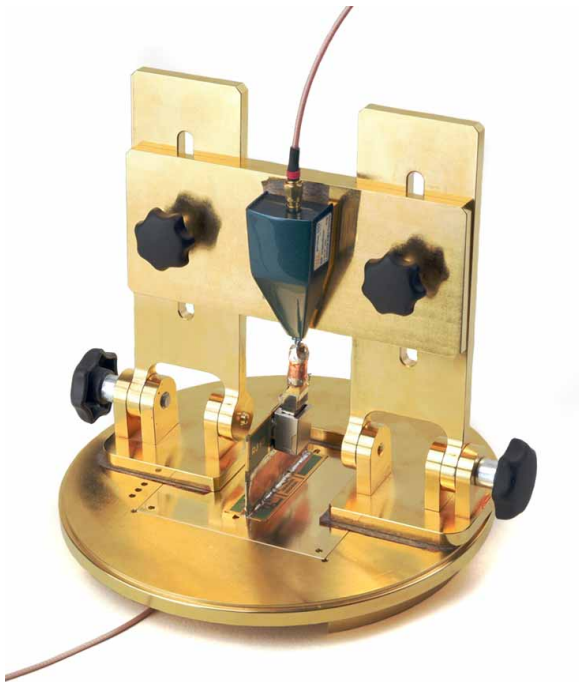


# MP CI set

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)

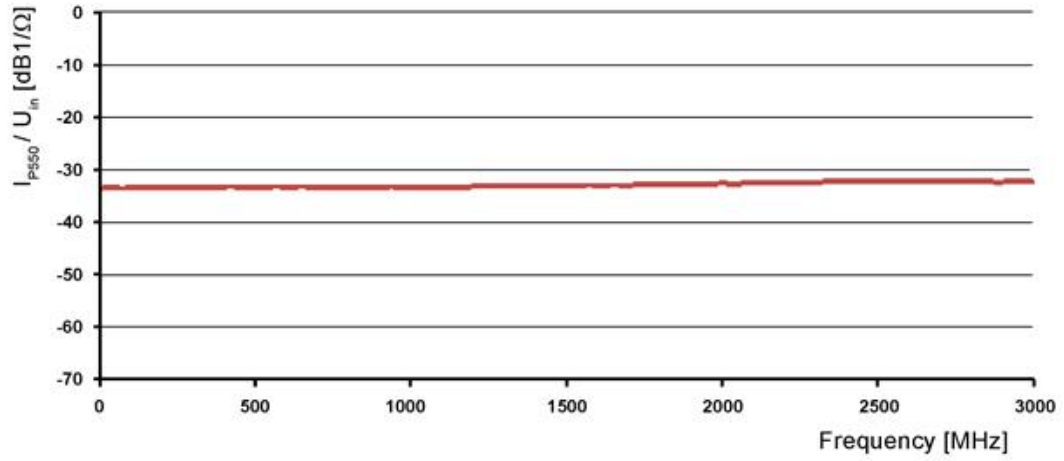
## Scope of delivery

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

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Current transferred by P550 measured on a load of 1 Ohm



Measurement set-up with Spectrum Analyzer

