

ICI-DP HH1000-15 set

Double Pulse Magnetic Field Source set

NEW



Short description

The set ICI-DP HH1000-15 set is designed to inject electromagnetic pulses with high temporal and spatial resolution into safety critical circuits (electromagnetic fault injection - EMFI). This set can be used to generate single pulses as well as a double pulse sequence with a pulse following time of minimum 25 ns. The set includes the high voltage source BPS 204 as well as the probe ICI-DP HH1000-15.

Via the sync inputs of the probe or the BPS, the pulses can be synchronized to an external function sequence.

Parameters such as pulse voltage and polarity can be set via software.

Scope of delivery

- 1x ICI-DP HH1000-15, Double Pulse Magnetic Field Source
- 1x BPS 204-Client, BPS 204-Client Software
- 1x SK FI-FI 7P 1 m, Control Cable, Fischer-Fischer
- 1x NT FRI EU 24V, Power Supply Unit
- 1x ICI-DP case, System case
- 1x BPS 204 m, BPS 204 User Manual

- 1x BPS 204, Burst Power Station
- 1x HV FI-FI 1 m, High-Voltage Cable, Fischer-Fischer
- 4x SMA-SSMB 1 m, SMA-SSMB Measuring Cable
- 1x USB-AB, USB Cable Type A-B
- 1x ICI-DP m, ICI-DP set User Manual

Technical parameters

| | |
|---------------------------------|---------------|
| Probe head dimensions | Ø 1000 µm |
| Pulse parameter | |
| Rise time | 2 ns |
| Min. double pulse sequence time | 25 ns (200 V) |
| Polarity (set by software) | +/- |
| Voltage | 50 - 1000 V |
| max. Jitter (typ.) | ± 1 ns |
| Min. trigger pulse delay | 35 ns |

ICI-DP HH1000-15 set

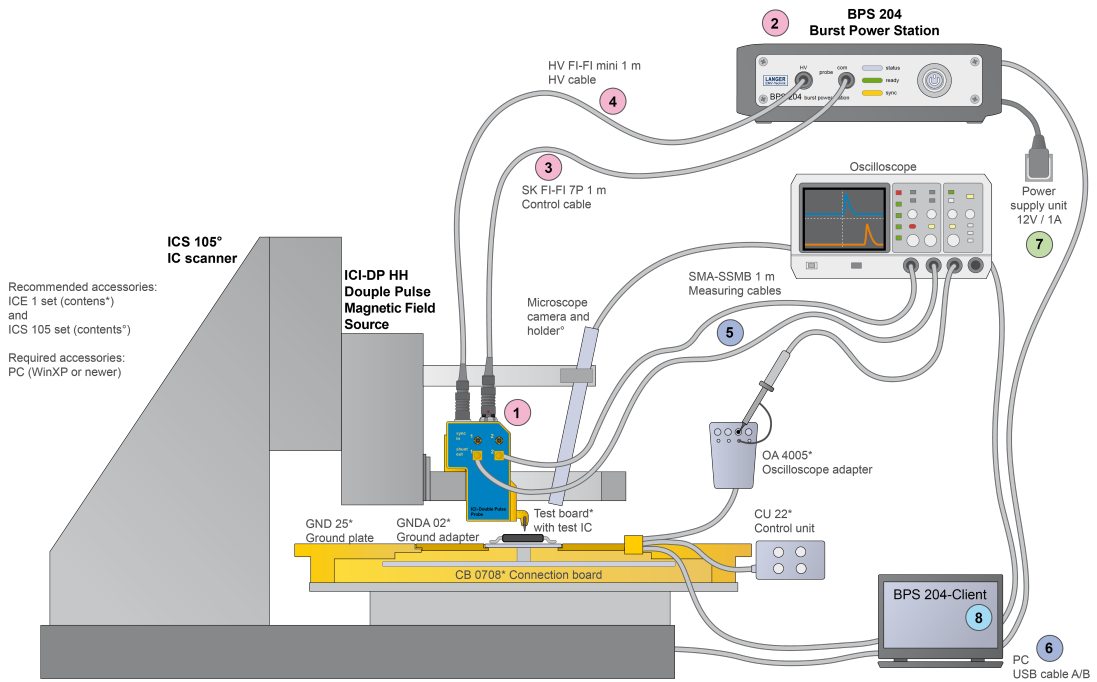
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Contents of the case ICI-DP HH1000-15 set



Schematic set-up with mover

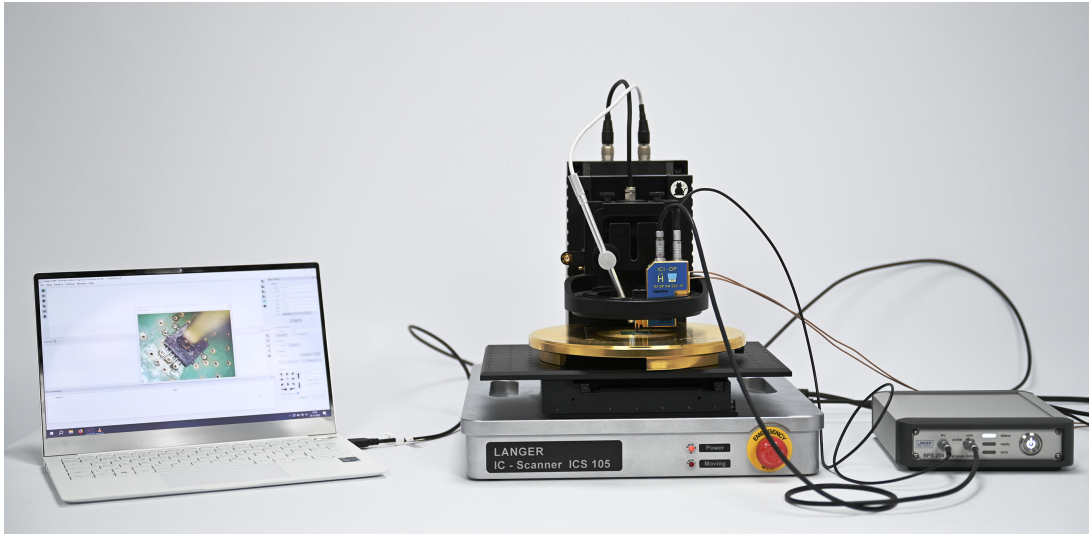


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Fault injection measuring station with Langer IC scanner



Scope of delivery

