

ICI-DP HH500-15 set

Double Pulse Magnetic Field Source set



Short description

The set ICI-DP HH500-15 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 HH500-15.

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 HH500-15, Double Pulse Magnetic Field Source
- 1x BPS 204, Burst Power Station
- 1x BPS 204-Client, BPS 204-Client Software
- 1x HV FI-FI mini 1 m, High-Voltage Cable, Fischer-Fischer
- 1x SK FI-FI mini 7P 1 m, Control Cable, Fischer-Fischer
- 4x SMA-SSMB 1 m, SMA-SSMB Measuring Cable
- 1x NT FRI EU 24V, Power Supply Unit
- 1x USB-AB, USB Cable Type A-B
- 1x ICI-DP case, System case
- 1x ICI-DP set m, ICI-DP set User Manual

Technical parameters

Probe head dimensions	Ø 500 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 HH500-15 set

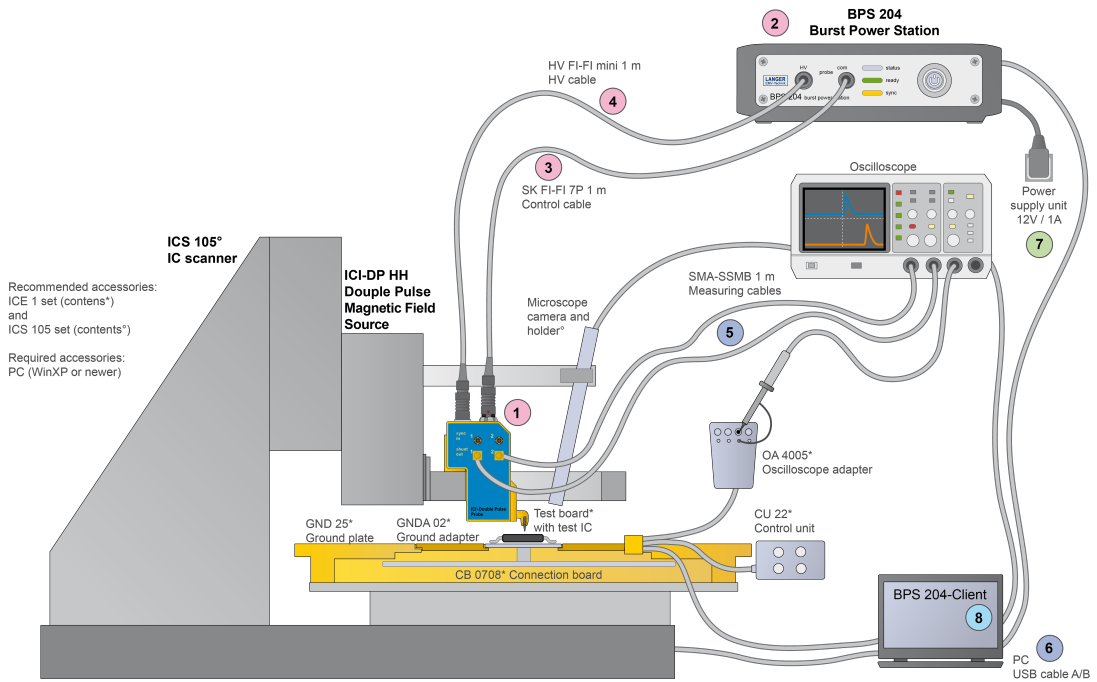
Double Pulse Magnetic Field Source set



Contents of the case ICI-DP HH500-15 set



Schematic set-up with mover

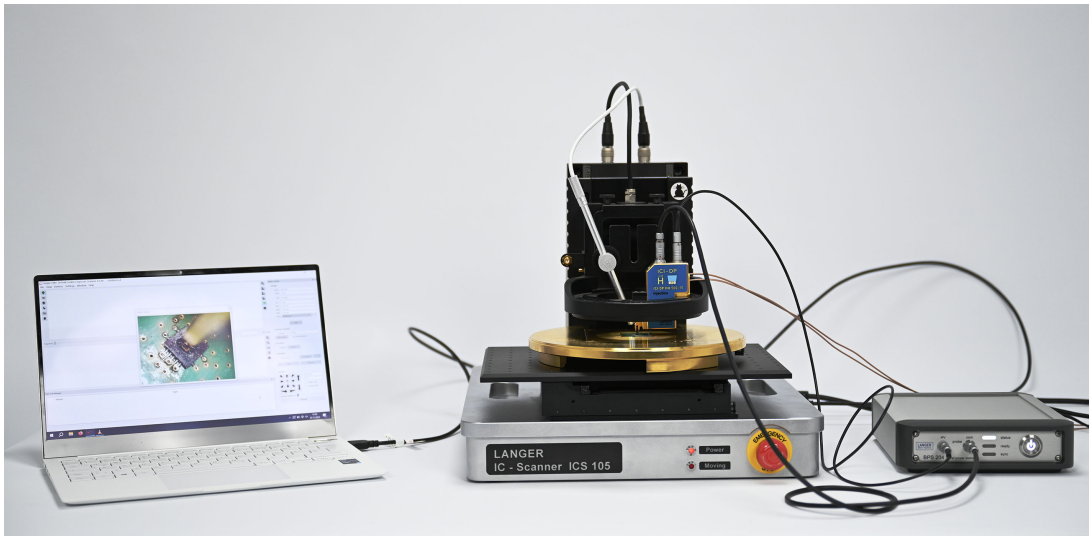


ICI-DP HH500-15 set

Double Pulse Magnetic Field Source set



Fault injection measuring station with Langer IC scanner



Scope of delivery

