

# ICI I900 L-EFT set

## Pulse Current Probe set



### Short description

The ICI I900 L-EFT set includes an ICI pulse current source that emits current pulses. This allows very accurate and high resolution IC analysis and body biased injection to be performed, e.g. for testing safety-critical circuits. Special features are the high-resolution tip (for testing extremely small areas) and a very low trigger-to-pulse jitter (to specifically disturb the program flow).

### Scope of delivery

- 1x ICI I900 L-EFT, Pulse Current Source (FBBI)
- 1x BPS 202, Burst Power Station
- 1x BPS 202-Client, BPS 202-Client Software / USB
- 1x NT Ex EU, Power Supply Unit
- 1x ICI 01 L-EFT acc, Accessories
- 1x ICI case, System Case
- 1x ICI m, ICI Set User Manual

### Technical parameters

Pulse parameter	
Rise time	< 2 ns
Repetition frequency	0.1 Hz - 20 kHz
Polarity (set by software)	+ / - / alternating
<b>Trigger-pulse delay (Bypass Mode - Delay Line)</b>	
min. Trigger-pulse delay (typ.)	100 ns
max. Trigger-pulse delay (typ.)	450 ns
max. Jitter (typ.)	± 1 ns
<b>Supply voltage</b>	BPS 202
<b>Software</b>	BPS 202-Client / DLL (32 Bit / 64 Bit) Win XP SP3 or higher

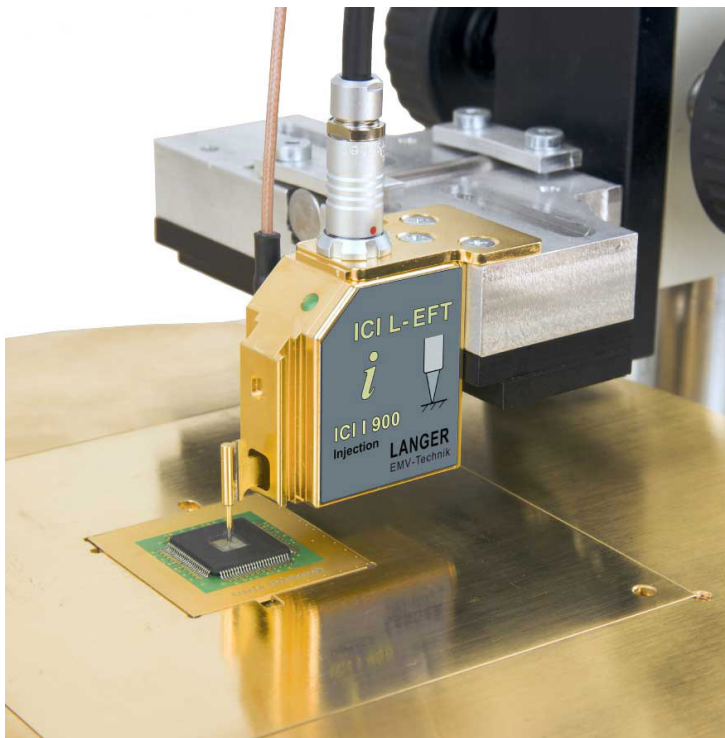
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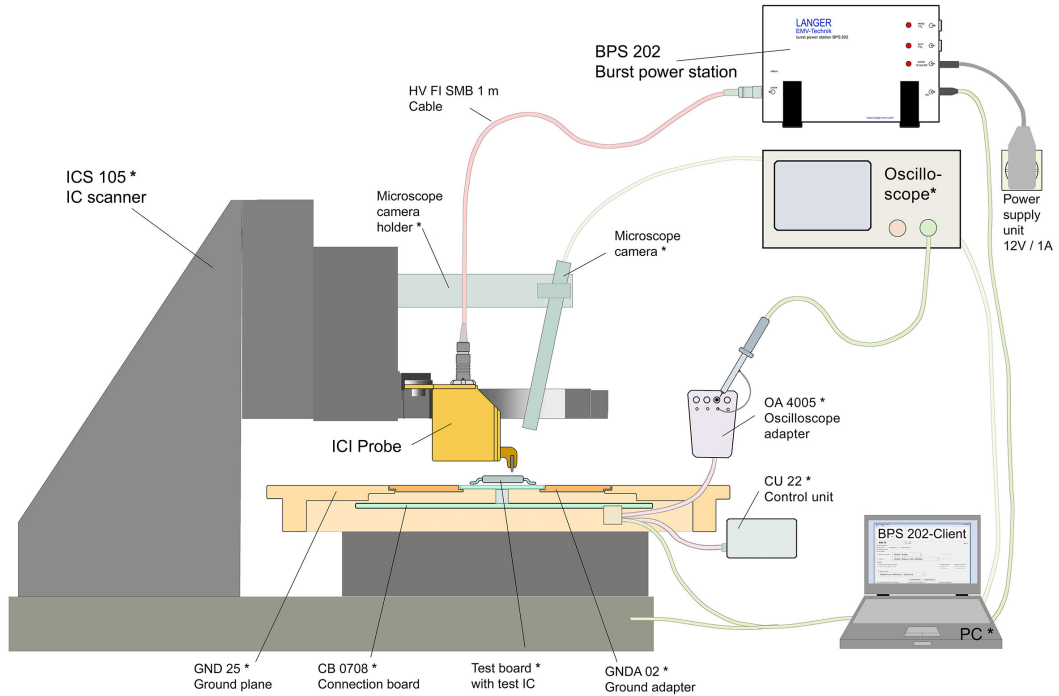
## Contents of the case ICI I900 L-EFT-set



## Application of ICI I900 L-EFT Pulse Current Source



Schematic set-up with mover



Schema of measurement set-up

