

# ICI 01 L-EFT set

IC EM Pulse Injection Langer Pulse

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## Short description

The ICI 01 L-EFT set includes one of our ICI L-EFT sources. The sources couple fast transient pulses into test ICs. You can choose between electric, magnetic, and current sources. All sources allow for side channel analysis or testing the immunity of individual areas of ICs.

## Scope of delivery

- 1x ICI Field Source, Choose your probes from our selection
- 1x BPS 202, Burst Power Station
- 1x BPS 202-Client, BPS 202-Client Software / USB
- 1x NT Ex EU, Power Supply Unit
- 1x ICI case, System Case
- 1x ICI m, ICI Set User Manual
- 1x ICI 01 L-EFT acc, Accessories

## Technical parameters

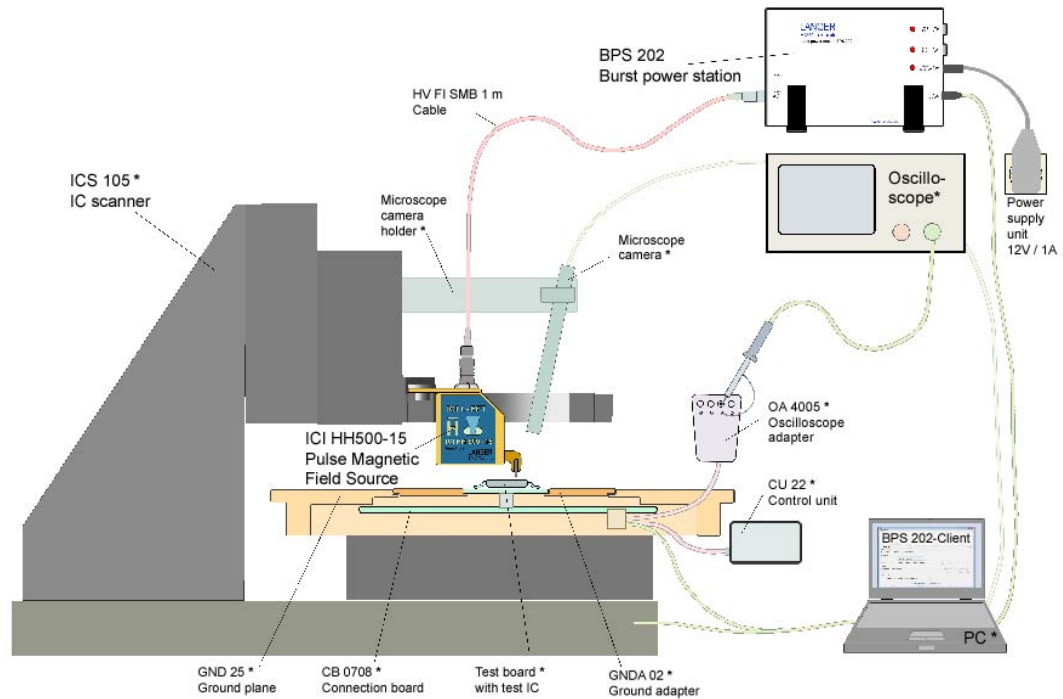
| Pulse parameter                                       |                                                                |
|-------------------------------------------------------|----------------------------------------------------------------|
| Rise time                                             | < 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>Trigger-pulse delay (Timer Mode)</b>               |                                                                |
| min. Trigger-pulse delay (typ.)                       | 200 ns                                                         |
| max. Trigger-pulse delay (typ.)                       | 100 ms                                                         |
| max. Jitter (typ.)                                    | ± 15 ns                                                        |
| Trigger delay, min. increment                         | 10 ns                                                          |
| <b>Supply voltage</b>                                 | BPS 202                                                        |
| <b>Software</b>                                       | BPS 202-Client / DLL (32 Bit / 64 Bit)<br>Win XP SP3 or higher |

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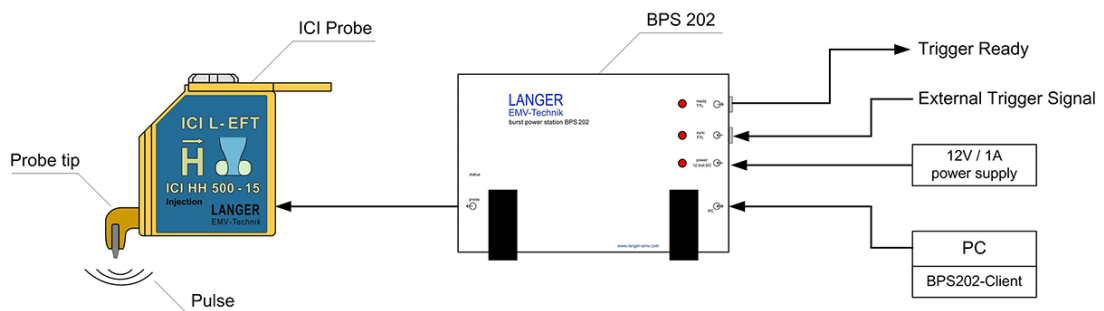
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Schematic set-up with ICI HH500-15 pulse magnetic field source (the devices marked with \* are not included in the scope of delivery)



## Schema of set-up



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ICI probe in application

