



Short description

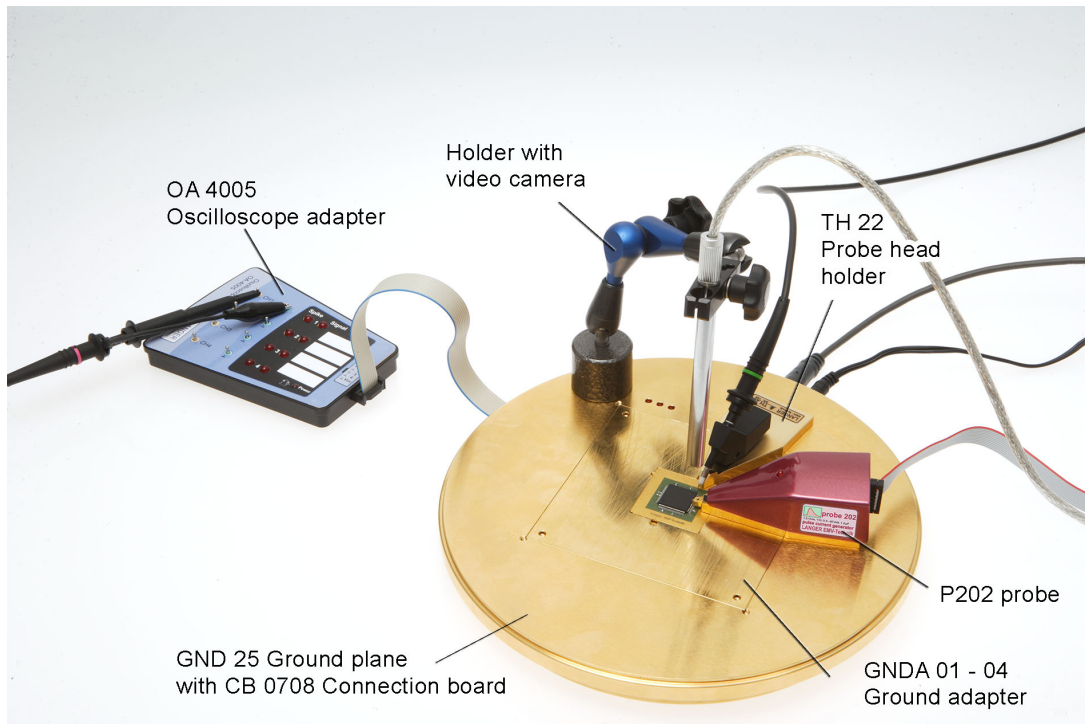
The IC test system is designed for the measurement of EMC behavior of circuits (ICs) at specific radiated or conducted disturbance influences and for transmission measurements. The test IC is tested in operation. The ICE1 test environment generates the functional environment of the test ICs. The respective measuring task is done with the appropriate probe set. These sets are not included in the scope of delivery.

The test IC is installed on the test PC board. The customer can prepare the test PC board (IC test instructions of Langer EMV-Technik GmbH) or the customer can place an order at Langer EMV-Technik GmbH. The PC board is inserted into the GND 25 ground plate and via a connector connected to CB 0708 connecting board. Other ICE1 set components are: different ground adapter for testing different PC boards, connection board control software, an oscilloscope adapter for transforming measured signals in order to visualize them at the oscilloscope. Additional equipment for setting up IC test stations are included in the scope of delivery as well.

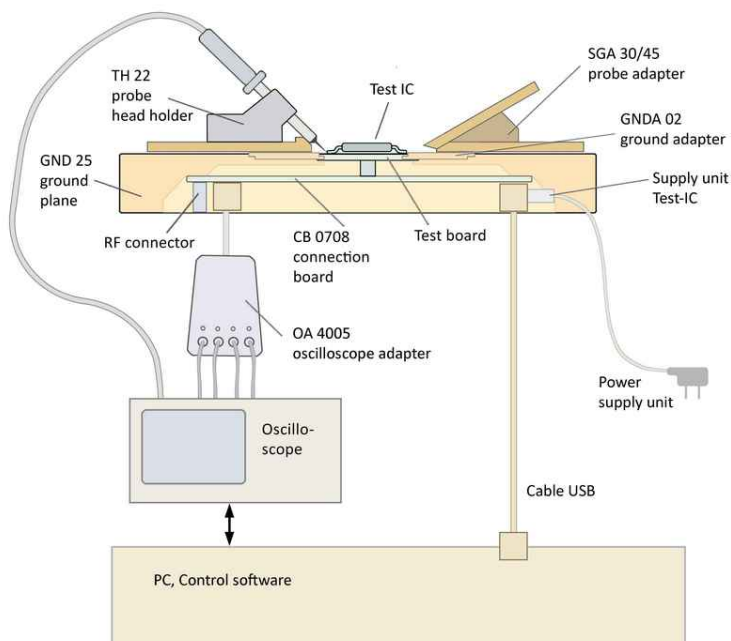
Scope of delivery

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| 1x CB 0708, Connection Board | 1x CB Control, Connection Board Control Software/USB |
| 1x CU 22, Control Unit | 1x GND 25, Ground Plane |
| 1x GNDA 01, Ground Adapter 22.9 mm x 22.9 mm | 1x GNDA 02, Ground Adapter 32.9 mm x 32.9 mm |
| 1x GNDA 03, Ground Adapter 22.9 mm x 68.3 mm | 1x GNDA 04, Ground Adapter 45.8 mm x 68.3 mm |
| 1x OA 4005, Oscilloscope Adapter | 1x DM-CAM, Digital Microscope Camera |
| 1x SGA 30, Probe Adapter | 1x TH 22, Probe Head Holder |
| 1x PMK ARM 130, Universal Holder | 1x USB-AB, USB Cable Type A-B |
| 1x NT FRI EU, Power Supply Unit | 1x ICE1 acc, Accessories |
| 1x ICE case, System Case | 1x ICE1 m, ICE1 Set User Manual |

Application Set ICE1 with probe P02



Scheme measurement set-up Set ICE1 with extern devices



The image displays various hardware components for a quantum computing setup. At the top left is a large, thick, circular brass ring with a square hole in the center. To its right are two L-shaped brass pieces, each with a small rectangular slot. Below the ring is a green printed circuit board (PCB) populated with electronic components, including integrated circuits, resistors, and several red electrolytic capacitors along one edge. To the right of the PCB is a blue control unit with multiple indicator lights and buttons, connected by a long, thin, flexible flat ribbon cable to a smaller black device. In the bottom left corner is a black power supply unit with a three-pronged AC plug and a coiled black output cable. Along the bottom edge are four square brass plates, each featuring a different shaped aperture: a small square, a larger square, a vertical rectangle, and a horizontal rectangle. A black USB-style cable is also visible near the bottom right.