

# ICS 105 basic set

IC Scanner 4-Axis Positioning System without CS-Scanner Software

## Short description

The ICS 105 basic set is a high-precision positioning system for automated near-field measurements on [ICs / PCBs]. It enables precise probe positioning across multiple axes and supports reproducible EMC analyses with high spatial resolution.

The Basic version is specifically designed for users who want to integrate the scanner system into their own measurement and automation environments.

This basic version does not include the ChipScan-Scanner application software.

The system is controlled exclusively via the included Langer SDK (Windows & Linux).

## Scope of delivery

- 1x ICS 105, 4-Axis Positioning System
- 1x UH DUT set, Universal Holder for Langer scanner
- 1x SH 01, Probe Holder for Langer scanner
- 1x ICS DM-CAM, Digital Microscope Camera
- 1x GND mount, Mount for GND 25 Groundplane
- 1x DM-CAM holder.3 SMA, Microscope Camera Holder SMA
- 1x ICS Flight case, ICS Flight Case
- 1x ICS 105 m, ICS 105 User Manual

## Technical parameters

|                          |   |
|--------------------------|---|
| <b>Supply voltage</b>    | 110 / 230 V   |
| <b>Interface</b>         | USB   |
| Max. traverse range      | (50 x 50 x 50) mm; $\alpha$ -Rotation $\pm 180^\circ$       |
| Min. step size           | (10 x 10 x 10) $\mu\text{m}$ ; $\alpha$ -Rotation $1^\circ$ |
| Positioning speed        | (10 x 10 x 5) mm/s; $\alpha$ -Rotation $90^\circ/\text{s}$  |
| <b>Weight</b>            | 23 kg   |
| <b>Sizes (L x W x H)</b> | (350 x 400 x 420) mm  |