

FLS 106 IC basic set

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

Short description

The FLS 106 IC 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 [FLS 106 IC, 4-Axis Positioning System](#)
- 1x [UH DUT set, Universal Holder for Langer scanner](#)
- 1x [SH 01, Probe Holder for Langer scanner](#)
- 1x [FLS DM-CAM, Digital Microscope Camera](#)
- 1x [DM-CAM holder.3 SMA, Microscope Camera Holder SMA](#)
- 1x FLS 106 IC acc, Accessories for scanner
- 1x FLS 106 m, FLS 106 Set User Manual
- 1x [safety case FLS 106, safety case for FLS 106](#)

Technical parameters

Supply voltage	110 V / 230 V
Interface	USB
Axes x, y, z; α	
Max. traverse range	(400 x 600 x 120) mm; α -Rotation $\pm 180^\circ$
Min. step size	(20 x 20 x 20) μm ; α -Rotation 1°
Positioning speed	(20 x 25 x 10) mm/s; α -Rotation $90^\circ/\text{s}$
Weight	75 kg
Sizes (L x W x H)	(1030 x 775 x 900) mm