

FLS 106 IC set

IC Scanner 4-Axis Positioning System



Short description

The FLS 106 IC scanner is a 4-axes positioning system that allows for the movement of ICR near-field probes along three linear axes and the rotation of the ICR near-field probes on one axis above an IC in its electronic assembly.

The ICR near-field probes allow for the measurement of high-frequency magnetic or E-fields up to 6 GHz with a high measuring resolution of 50 to 100 μm .

The IC scanner can be set up for surface scans and ESD or EFT immunity tests in a few simple steps.

Scope of delivery

- 1x FLS 106 IC, 4-Axis Positioning System
- 1x CS-Scanner, ChipScan-Scanner Software / USB
- 1x GND 25, Ground Plane
- 1x UH DUT set, Universal Holder for Langer scanner
- 1x SH 01, Probe Holder for Langer scanner
- 1x DM-CAM, Digital Microscope Camera
- 1x Rotary unit, Rotary Unit
- 1x DM-CAM holder.3, Microscope Camera Holder
- 1x FLS 106 IC acc, Accessories for scanner
- 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°/s
Weight	75 kg
Sizes (L x W x H)	(1030 x 775 x 900) mm

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FLS 106 with ICR microprobe

