

# 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  $\mu\text{m}$ .

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, Universal 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

### Technical parameters

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

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## FLS 106 with ICR microprobe

