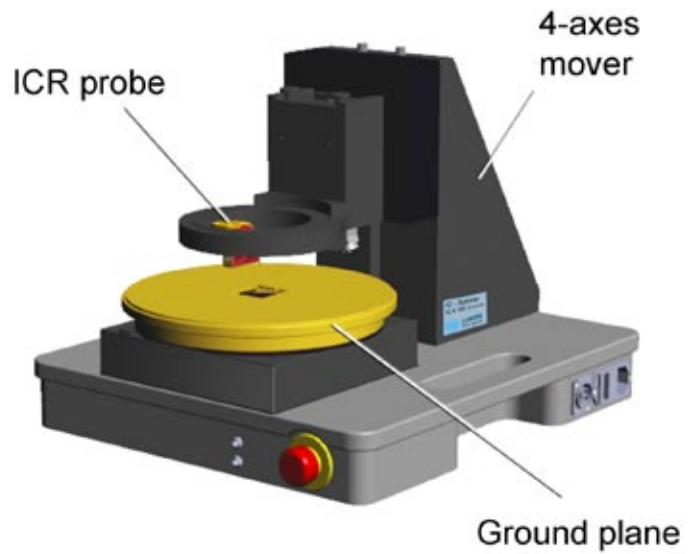


Application:

- Surface scans over ICs in accordance with IEC61967-3
- Volume scans over ICs
- PIN scans

System component parts:

- 4-axis positioning system
- Near-field microprobes for E and H fields (type ICR)
- Video microscope
- Ground plane (type GND 25)
- ChipScan-Scanner control and measurement software



Properties:

The IC scanner can be adapted with different ICR probes to measure E- and H-near fields. The probes can be moved above the chip surface in all three axes and around the z-axis. The scanner allows the user to check the position of the probe tip visually through a video microscope. The scanner is controlled via PC with the ChipScan-Scanner software.

Axes	x	y	z	α -rotation
Max. measuring range	50 mm	50 mm	50 mm	+/- 180°
Accuracy	10 μ m	10 μ m	10 μ m	1°
Repeatability	+/- 1 μ m	+/- 1 μ m	+/- 1 μ m	+/- 1°
Speed	2 mm/s	2 mm/s	2 mm/s	45°/s
Control	USB			
Supply voltage	110 / 230 V			
Dimensions / total weight	(320 x 220 x 270) mm / 4.35 kg			

Software:	<p>ChipScan-Scanner</p> <ul style="list-style-type: none"> - zero position, manual or script-based probe movement - reading the data from a spectrum analyser - visualisation of the measuring results in 2D or 3D - output as csv and image files
Optional accessories:	<ul style="list-style-type: none"> - UH-DUT universal holder for receiving the electronics
Scope of delivery:	<ul style="list-style-type: none"> - ICS 105 IC scanner - ICR near-field microprobes for E and H fields - Video microscope with holder - GND 25 ground plane - ChipScan-Scanner software - Flight case