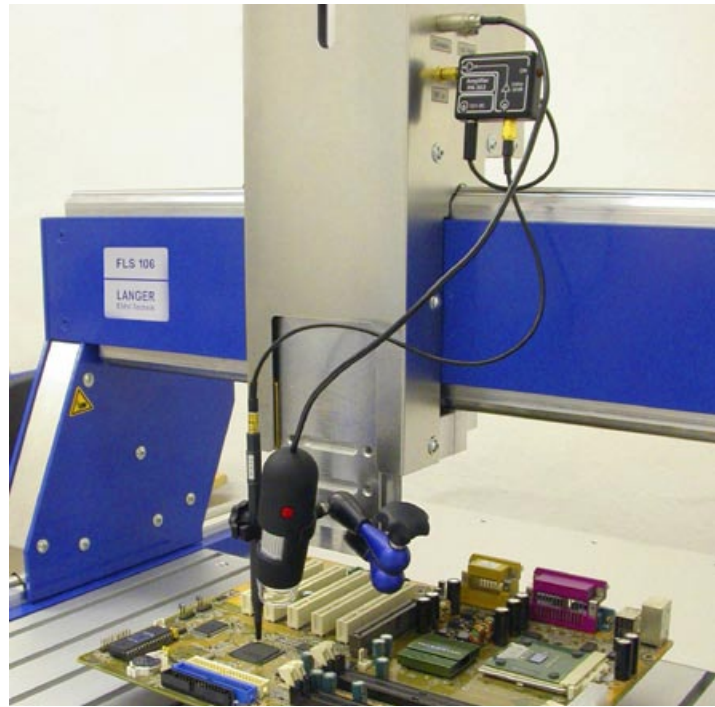**Application:**

- Surface scans over PCBs
- Volume scans over PCBs

System components:

- 3-axis positioning system
- XF, RF, LF near-field probes
  of the customer's choice
- Universal PCB holder
- ChipScan-Scanner control
  and measurement software

Properties:

The scanner is controlled with the ChipScan-Scanner software via a PC. This software lets the user read out the measured data via a spectrum analyser, present this graphically in 2D or 3D as well as store and output this in a CSV file all at the same time.

The „collision protection" software features:

• protects the probe head against destruction should it touch the DUT during a vertical approach

• measure below the safe height

Axes	x	y	z
Measuring range	600 mm	400 mm	125 mm
Accuracy	10 µm	10 µm	10 µm
Repeatability	+/- 20 µm	+/- 20 µm	+/- 20 µm
Speed	50 mm/s	50 mm/s	25 mm/s

Control	USB
Supply voltage	110 / 230 V
Dimensions / total weight	(1030 x 775 x 990) mm / 75 kg

Software:	**ChipScan-Scanner** - 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
optinal Accessories:	- XF, RF, LF near-field probes of the customer's choice
Scope of delivery:	- FLS 106 PCB IC scanner - UH-DUT universal holder for receiving the electronics - ChipScan-Scanner software
	The FLS 106 PCB can be upgraded to a FLS 106 IC.