

FLS 106 PCB scanner

Use:

- Surface scans over PCBs
- Volume scans over PCBs

System components / scope of delivery:

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

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 feature has two functions:

- protects the probe head against destruction should it touch the DUT during a vertical approach and
- allows measurements below the safe height.

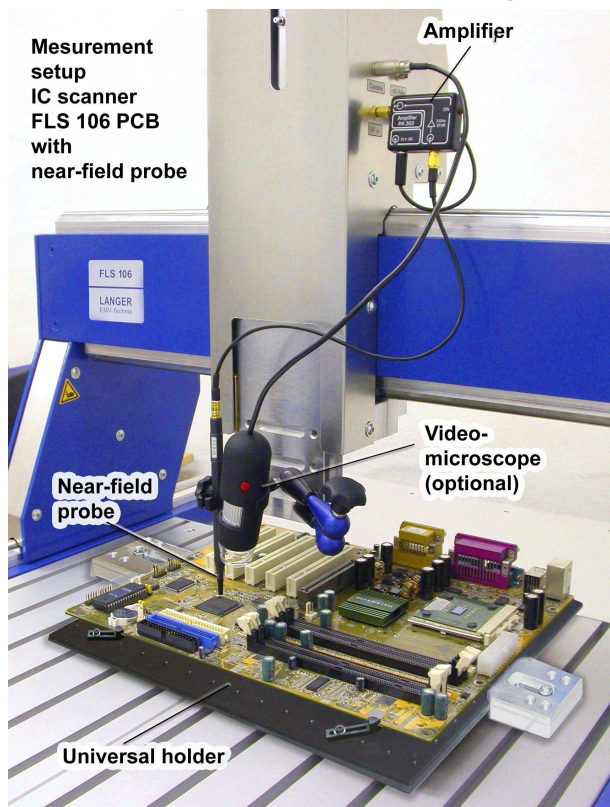
The near-field probe is attached to the FLS 106 PCB scanner with the probe holder.

The following probes are available for the different measurement tasks:

- XF (30 MHz to 6 GHz),
- RF (30 MHz to 3 GHz) or
- LF (100 kHz to 50 MHz).

The near-field probes can be moved over the module in three directions on the x, y and z axis.

The FLS 106 PCB can be upgraded to a FLS 106 IC.



Measurement set-up:
FLS 106 PCB, PC, spectrum analyser