

FLS 106 PCB set

PCB 扫描仪 (三轴定位系统)



Short description

FLS 106 PCB 型扫描仪组的目的是，方便近场探头检测电子元件组的磁场或电场。扫描仪和近场探头系列（从SX到LF）的组合可以测量频率范围为100kHz-10GHz的电场或磁场。该近场探头可以在元件组上方沿三个轴运动。近场探头在受试设备上方的光学定位可以在数字显微相机的协助下完成。扫描仪支持防撞功能，在探头沿垂直方向运动触碰到受试设备时停止运动。

在电脑上通过ChipScan-Scanner软件可以控制FLS 106 PCB型扫描仪。这款软件同时可以从频谱分析仪中读取测量数据，（2D或3D）图像，以及输出测量数据（CSV文件）。

The use of the scanner with near-field probes from the SX, RF, XF or LF family allows measurements in the frequency range from 100 kHz up to 20 GHz.

The FLS 106 PCB scanner is controlled by the ChipScan-Scanner software via a PC. The software simultaneously allows measured values reading from the spectrum analyzer, graphic representation (2D or 3D), the storage and output of measured data (CSV data file). The FLS 106 PCB scanner can be upgraded to a 4-axes positioning system via a rotary unit.

Delivery content

- 1x FLS 106 PCB
- 1x CS-Scanner, ChipScan-Scanner 软件
- 1x UH DUT set
- 1x SH 01
- 1x DM-CAM
- 1x FLS 106 PCB acc
- 1x FLS 106 m
- 1x safety case FLS 106

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Technical parameters

| | |
|----------------|------------------------|
| 电源电压 | 110 V / 230 V |
| 接口 | USB |
| x,y,z 轴 | |
| 最大过程路径 | (400 x 600 x 120) mm |
| 最小过程路径 | (20 x 20 x 20) μ m |
| 移动速度 | (20 x 25 x 10) mm/s |
| 重量 | 75 kg |
| 尺寸 (L x W x H) | (1030 x 775 x 900) mm |

FLS 106 application with board, near-field probe and microscope camera



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Application of FLS 106 with near-field probe and microscope camera on board to be tested

