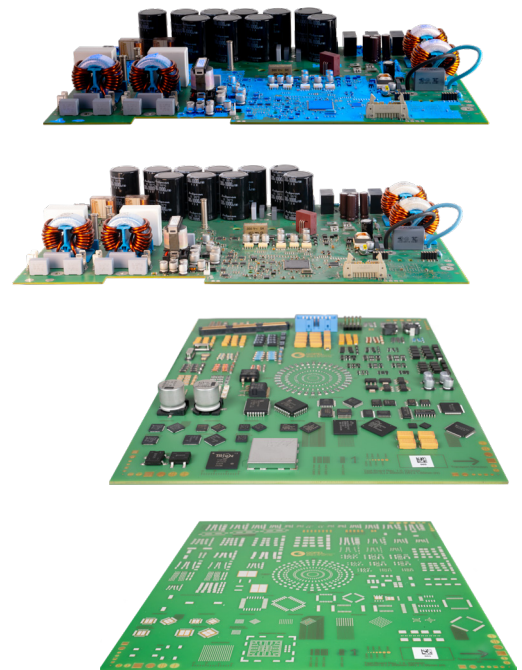


Multi Line

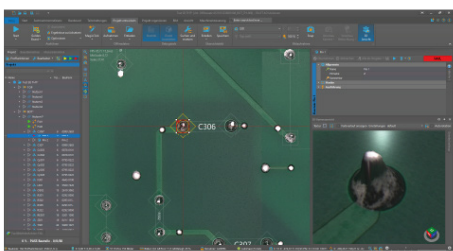
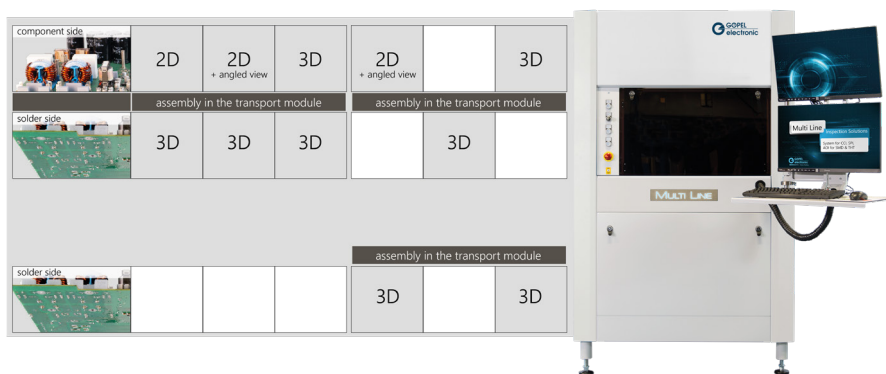
System platform – AOI for THT · AOI for SMD · SPI · CCI

- configurable platform for a range of inspection tasks
- camera modules for THT, SMD, SPI and conformal coating inspection (CCI)
- 2D or 3D inspection on both sides
- parallel and independently operating camera modules in one system
- transport of PCBAs with and without carriers
- return of PCBA carriers under the system
- standardised operating software
- flexible data interfaces for MES and traceability



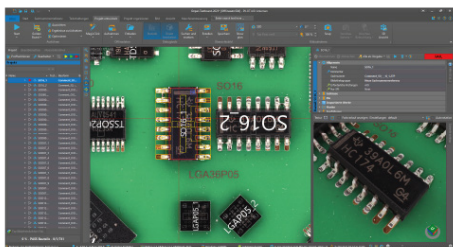
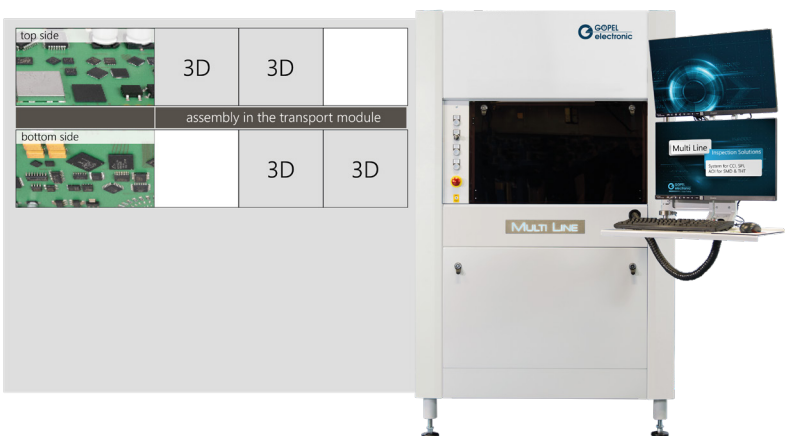
Technical specifications

AOI for THT



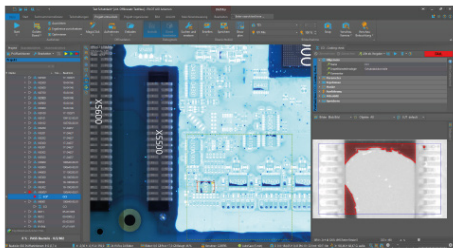
Multi Line AOI for THT

AOI for SMD



Multi Line AOI for SMD

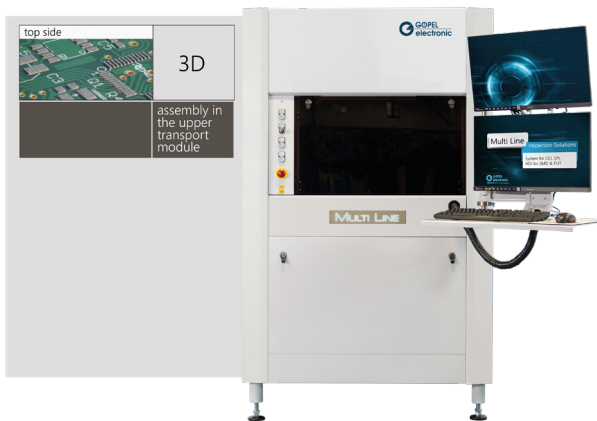
CCI



Multi Line CCI

Technical specifications

SPI



Multi Line SPI

Multi Line platform

| | |
|------------------------|---|
| max. inspection area | 540 mm x 450 mm |
| max. carrier size | up to 620 mm x 510 mm |
| max. transport weight | 15 kg |
| energy requirement | 230 VAC/2 kVA, compressed air 6 bar, consumption < 20 l/h |
| transport system | conveyor belt for PCBAs with or without carriers |
| transport direction | left-right, right-left, left-left, right-right |
| inline interface | SMEMA, HERMES, Siemens, Sensor |
| dimensions (w x d x h) | 1150 mm x 1300 mm x 1800 mm |
| weight | approx. 800 kg |

Camera modules

| | | | | |
|-----------------------|----------------|-------------------|--------|-----|
| inspection from above | 3D AOI for SMD | 2D/3D AOI for THT | 3D SPI | CCI |
| inspection from below | 3D AOI SMD | 3D AOI for THT | | CCI |
| return for inspection | 3D AOI for THT | | | |

Options

| |
|---|
| laser height measurement system |
| barcode, DMC or RFID reading system |
| system configuration for manual loading |



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