

VIPROSCAN

PCB Inspection System

Vipro Scan is a multi functional AOI system for pcb inspection.

With short image acquisition and analyzing time Vipro Scan is suitable for inline application. A test program is made by CAD-data. The corresponding test program is selected by barcode reader or manually.

Vipro Scan is based on a high resolution line camera with 8k pixel. Due to extremely bright LED lighting the short image acquisition time is achieved.

As an option several LED lightings can be installed to allow multiple scans with different lighting.

The modular construction enables to use VIPRO Scan to Inspect Solder Paste and Components.



General Features:

- Easy to use interface
- Programming by CAD-data
- Storing and documentation of errors according ISO 9000
- PLC handling with "Stop by error" or forwarding of PCB to rework station
- Short inspection time even by high resolution
- Inline / Offline integration into production
- Low noise and no vibrations due to Flying-Mode
- Multiple scans with different lighting (Option)

Test Features:

- Pad area printed with solder paste
- Smearing of solder paste between pads
- Inspection of component presence (Option)
- OCR-Optical character recognition (Option)