

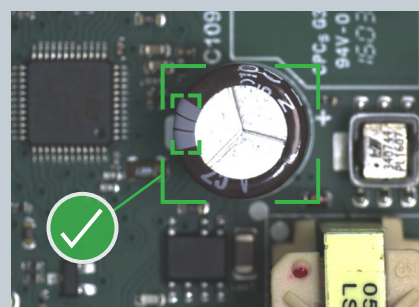
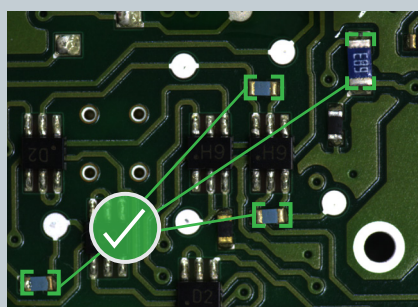
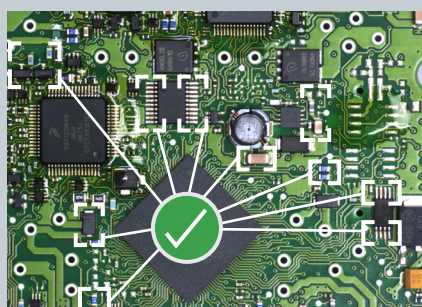


Automated Inspection Machine **IVS-PCBi**

An automated inspection machine for the precision verification, inspection and measurement of components, connectors, solder and pins on PCB assemblies.

Ideal for automated quality checking:

- Parts verification
- Component polarity
- Part presence
- Solder complete and formed
- Position verification
- Full assembly conformance
- Sticklead component checks
- Bent pins on connectors
- 2D/Barcode/QR Code reading
- OCR/OCV of components
- Gauging checks
- Surface inspection
- Rogue part detection



A fully integrated inspection system perfectly suited for the electronics industry utilizing state-of-the-art machine vision technology for critical quality checks – PCBi - from Industrial Vision Systems lets you automate repetitive and critical inspection tasks following a manual process or automated assembly. PCBi uses artificial intelligence to provide mission critical quality checks across the electronics manufacturing sector, making critical quality decisions automatically, at a price far less than traditional AOI.

With optional HD vision sensors to provide adaptable inspection of all elements of PCB production, PCBi inspects even the most mundane tasks. IVS's advanced software and optical technology provides industry leading vision system inspection.

PCBi is very easy to program, offers fast set up, is highly accurate and provides peace of mind for in-process assembly inspection operations.

Features and benefits:

High speed, HD colour camera technology
User-friendly software and touch screen interface

Checks full build quality in-process without operator intervention

Real-time process monitoring

Statistical analysis and reporting

Quick to install and easy to program

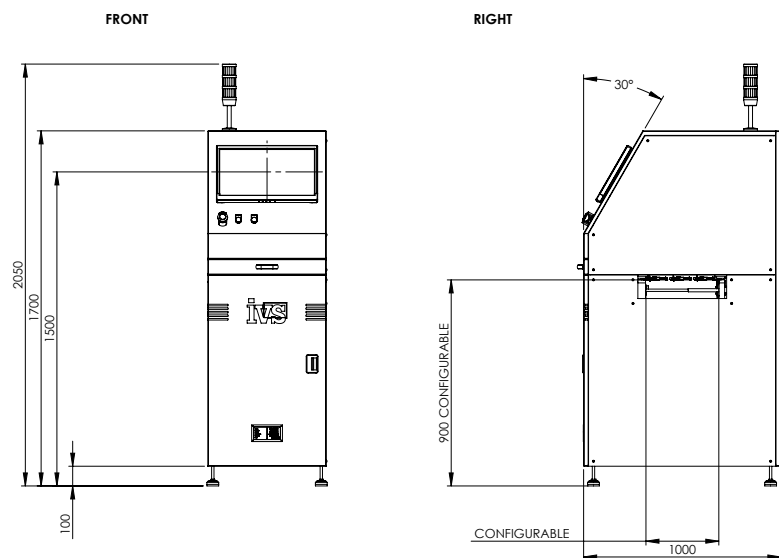
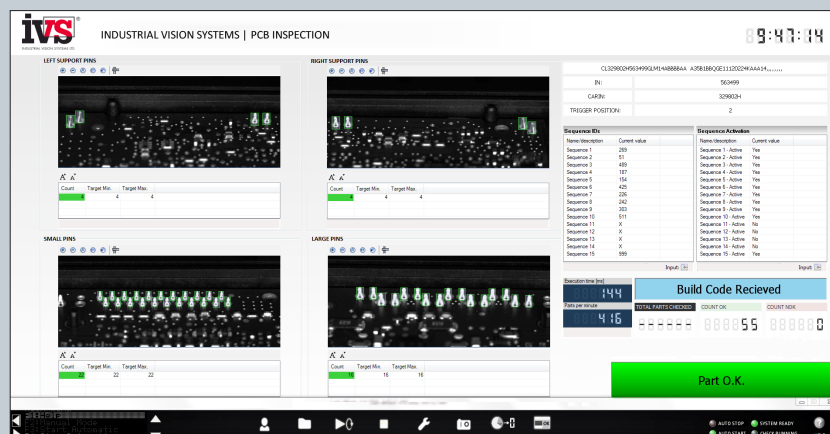
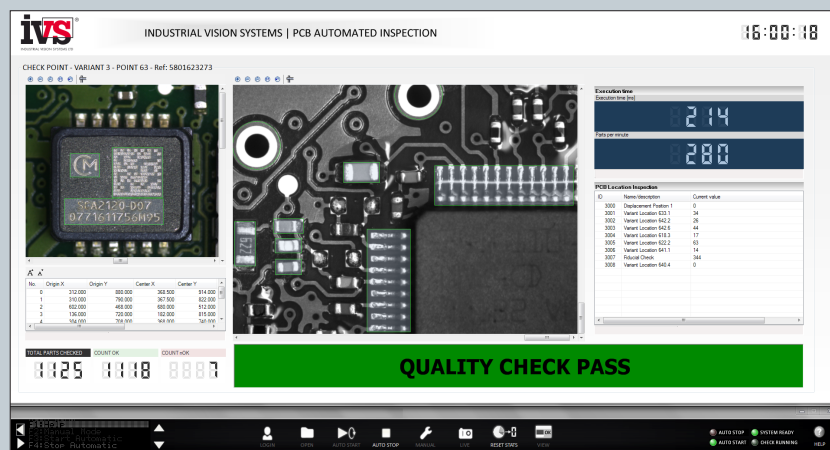
SMEMA compatible

Options:

Direct link to scanners and factory information systems

Built in return conveyors

Can be built as a manual load system for low volume manufacturers



About IVS

Founded in 2000, IVS is now one of Europe's leading specialists in inspection machines and artificial intelligence vision products – supplying customers all around the world and building an unrivalled reputation for innovation, quality and precision in machine vision systems for inspection, guidance and identification.



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