Automated Inspection Machine **IVS-PCBi-C**

An automated inspection machine for the precision verification, inspection and position check of automated conformal coats on PCB assemblies.

**Ideal for automated quality checking:**
- Conformal coat coverage
- Conformal coat position and flow
- Part presence
- On-line or off-line inspection
- UV quality checks
- Coating flow verification
- Rogue part detection
- 1D/2D/QR code reading
- Component positioning
- 24 bit color detection
- Surface inspection
A fully integrated inspection system perfectly suited for the electronics industry utilizing state-of-the-art machine vision technology for critical quality checks – PCBi-C – from Industrial Vision Systems lets you automate repetitive and critical inspection tasks following a manual process or automated assembly. PCBi-C 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 conformal coating coverage, PCBi-C inspects even the most mundane tasks. IVS’s advanced software and optical technology provides industry leading vision system inspection.

PCBi-C 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
- UV LED smart lighting technology
- Checks full build quality in-process without operator intervention
- Real-time process monitoring
- Statistical analysis and reporting
- Quick to install and easy to program

**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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