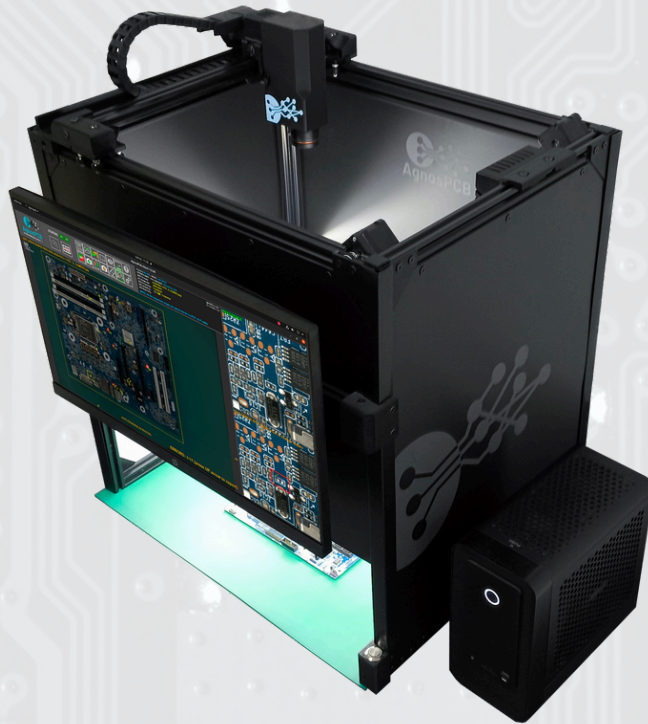


THE ARTIFICIAL INTELLIGENCE POWERED AOI

AgnosPCB is an inexpensive but dependable automated optical inspection (AOI) service. There is no need to invest in expensive AOI equipment. Any panel, circuit, any type of component. If there is a defect, the software will show you where it is. AgnosPCB is adaptable to your inspection necessities.



**REDUCED INSPECTION
TIME**



**IMPROVED PRODUCT
QUALITY**



**ARTIFICIAL INTELLIGENCE
POWERED AOI**



**ADAPTABLE TO YOUR
REQUIREMENTS**



**NO PREVIOUS SETUP
REQUIRED**



**ADAPTABLE TO ANY
PRODUCTION VOLUME**

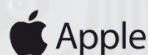


THEY TRUST US



BOSCH

TELTONIKA



alphawave



www.agnospcb.com
info@agnospcb.com

Powered by AI

- Behavior similar to that of a specialized technician
- Continuously improving
- Adaptable to specific needs

Speed up your production

- Automatic generation of final PDF reports
- Barcode reading
- No Gerber required
- All-in-one AOI machine
- Local network data sharing

Fast and reliable

- Detect faults within seconds
- Intuitive inspection tool software
- No original design files required

Fast and convenient inspection software

- Start your inspection within seconds just pressing a button
- AI-assisted featured (autocrop, alignment...)
- Without complications or tedious configurations

SUITABLE FOR BOTH DEVELOPMENT AND PRODUCTION ENVIRONMENTS

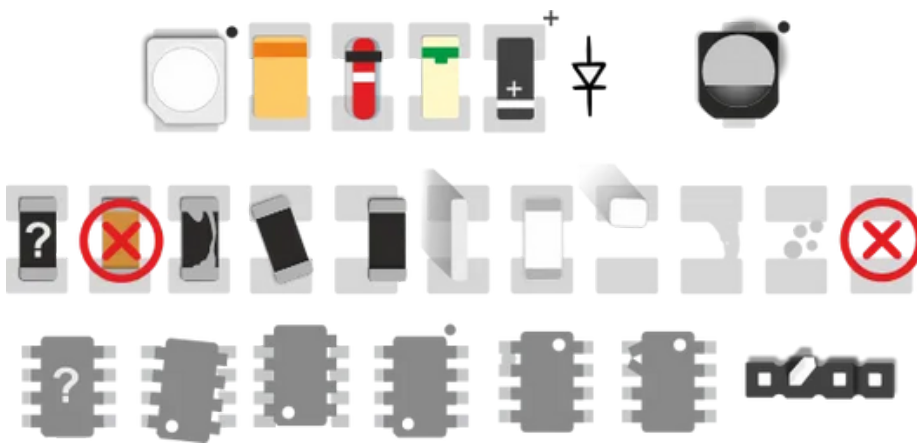
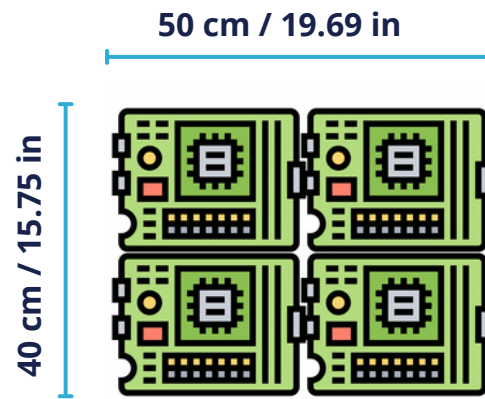


HIGH AND FAST ADAPTABILITY TO DIFFERENT PRODUCTION REQUIREMENTS



High quality inspections

- Max inspection area: **50 x 40 cm (19.69 x 15.75 in)**
- Max components per inspection: **unlimited**
- Inspection time: **from 7 to 18 seconds, depending on the PCBA size**
- **Industrial grade camera**

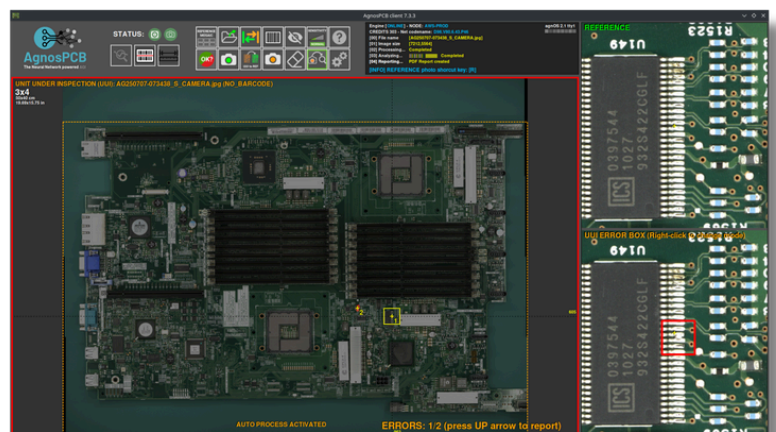


What our AOI can detect

- Displacements / tombstones
- Non-presence
- Excessive rotation
- Short circuits
- Collisions between components
- Polarity errors in components
- Contamination
- Deformations in geometry
- Bent pins
- Damaged components

Extremely easy-to-use software

- No design files required
- Compare PCBAs in detail
- Perform inspections using a button
- Generate detailed reports with ease
- Useful tools





Same AOI, two versions

AI-4050 ONLINE

- Cloud-based AOI service
- Monthly/annual subscription
- Internet needed
- ~7-28s per board

AI-4050 OFFLINE

- Standalone AOI machine
- One-time purchase, unlimited inspections
- No Internet needed
- ~5-25s per board

AOI Technical specifications

Platform physical specifications

- Size: 62 x 71 x 54 cm (24.41 x 27.95 x 21.26 in)
- Weight: 19 kg (41.89 lbs)
- Package size: 66 x 73 x 55 cm (25.98 x 28.74 x 21.65 in)

Power consumption

- 60W, peak of 110W. 110-230V AC

Optics

- Sensor type: CMOS, rolling shutter
- Sensor model: Sony IMX183
- Pixel size: 2.4 μm x 2.4 μm
- Sensor size: 1"
- Resolution: 5472 x 3648
- Data interface: USB3.0
- Lens: 35mm

62 cm / 24.41 in

71 cm / 27.95 in

54 cm / 21.26 in

