

OptiCon SmartLine

Desktop AOI System for efficient Inspection of Small Batches



Safe Fault Detection

- unique multispectral illumination
- program optimisation via statistically recorded inspection data
- assured inspection quality via reference data base

Company-specific Production Integration

- individual integration opportunities into the production process (repair station, fault output, usage of serial numbers)
- extensive data interfaces to quality management and traceability systems (ZVEI standard, iTAC, customised)
- compactness and mobility enable flexible utilisation opportunities

Automated Optical Inspection OptiCon SmartLine at a Glance



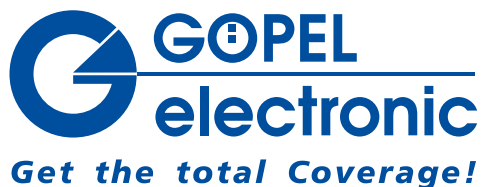
Software user interface OptiCon PILOT



Repair station software



Statistics module



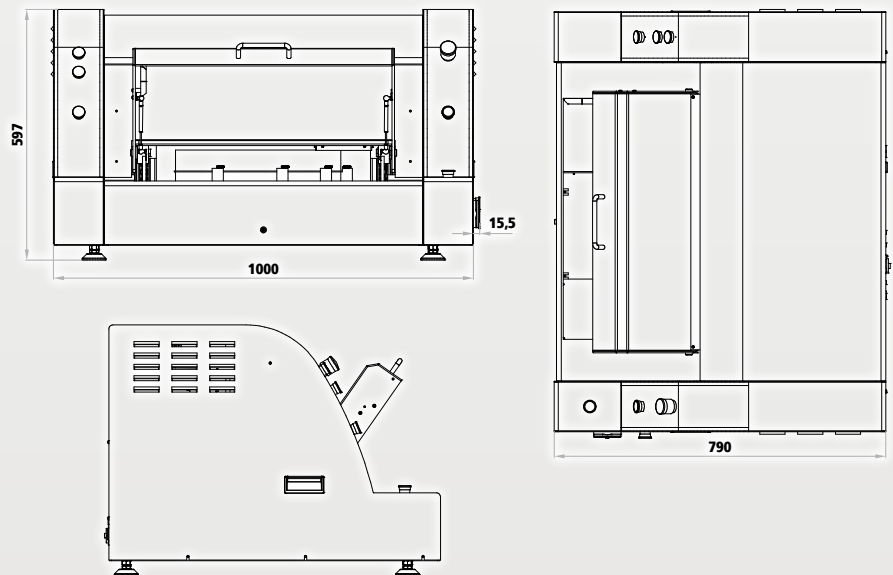
ISO 9001 certified

AOI-SL/E/2012-11

Inspection Parameters

Orthogonal top inspection, angled-view top inspection

Image capturing technology	up to 12 megapixels, 24 bit colour depth
Lens	telecentric
Resolution	up to 10.5 µm
Illumination	multispectral, multi-directional
Handling time	minimised by quick-clamping
Inspection speed	up to 25 cm ² /s
PCB size	up to 400 mm x 390 mm
Max. PCB weight	5 kg
PCB clearance top side	up to 65 mm
PCB clearance bottom side	up to 100 mm
Smallest inspectable component	01005 / pitch 0.3



System Specifications

Power requirements	230 V AC / 1 kVA
Dimensions (w x d x h)	1,000 mm x 790 mm x 597 mm
Weight	ca. 200 kg

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