

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

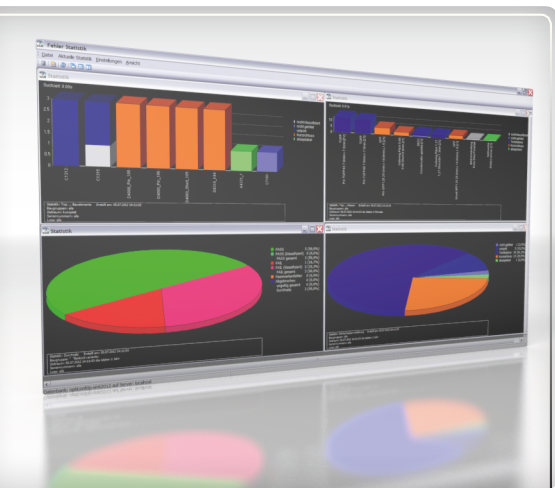
Automated Optical Inspection OptiCon SmartLine at a Glance



Software user interface OptiCon PILOT



Repair station software

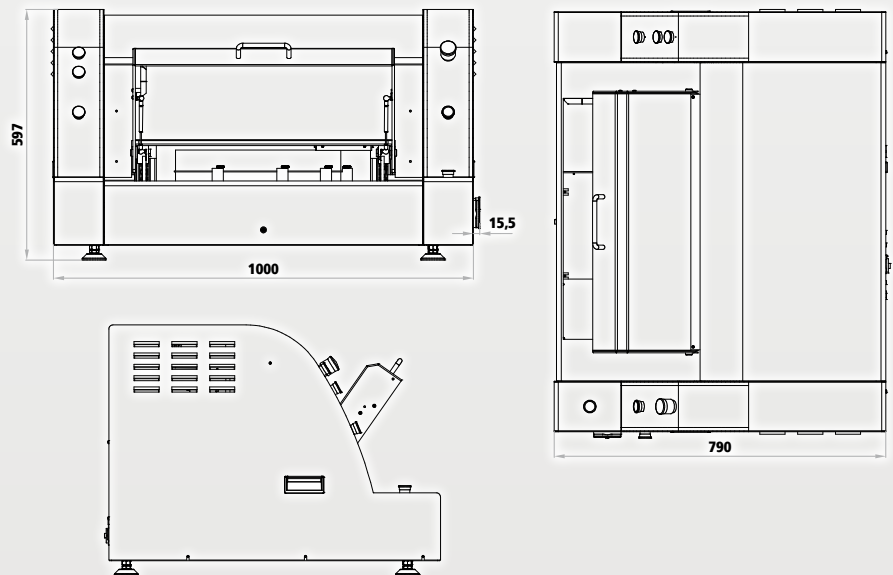


Statistics module

Inspection Parameters

Orthogonal 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



ISO 9001 certified

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