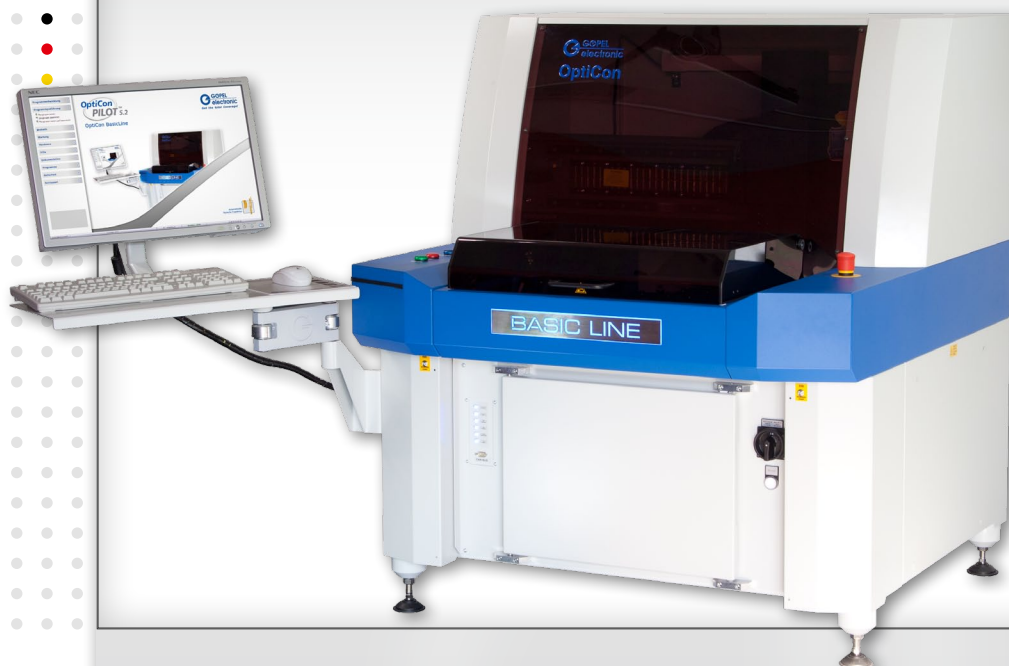# OptiCon BasicLine

Stand-alone AOI System for manual Loading
and flexible Adaptation of different Assemblies

Maximum Fault Detection

- unique multispectral illumination
- patented 360° inspection in 1° steps with adapted focal plane
- program optimisation by means of statistically recorded inspection data

Flexible Camera Configurations

- inspection modules for various speeds and test tasks (SMD, THT, THR)
- extension opportunities: rotatory angled-view inspection, laser height measurement and add-on camera with microscopic resolution

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)

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OptiCon BasicLine at a Glance

Software user interface OptiCon PILOT

Repair station software

Statistics module

Inspection Parameters

Orthogonal top inspection, angled-view top inspection

Image capturing technology	up to 48 megapixels, 24 bit colour depth
Lens	telecentric
Resolution	up to 3.2 µm
Illumination	multispectral, multi-directional
Handling time	minimised by quick-clamping
Inspection speed	up to 60 cm²/s
Angled-view inspection	0°–360° in 1° steps
PCB size	up to 510 mm x 500 mm
Max. PCB weight	5 kg
PCB clearance top side	up to 65 mm
PCB clearance bottom side	up to 65 mm
Smallest inspectable component	01005 / Pitch 0.3
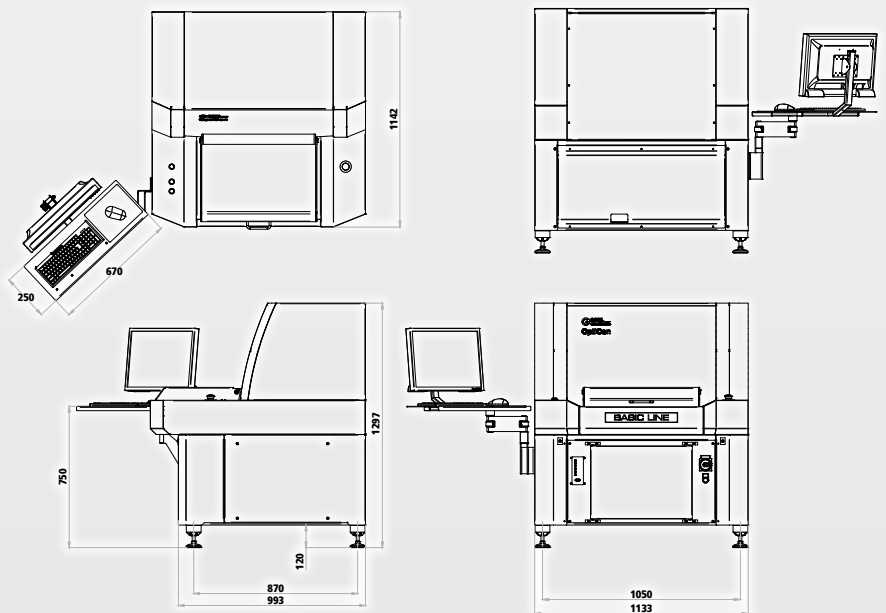
System Specifications

Power requirements	230 V AC / 1 kVA
Dimensions (w x d x h)	1,133 mm x 1,142 mm x 1,297 mm
Weight	ca. 360 kg

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ISO 9001 certified

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