



## High Precision 3D-AOI PCBA Testing Equipment SI-1030E for Turn Over Parts Component Defects and 0.6-6mm H Thickness

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Sailyond
- Model Number: SI-1030E
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 1350\*1780\*1680mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



#### Product Specification

- Size: 50×50mm~460×510mm
- Thickness: 0.6-6mm (H)
- Top: 1200w Color Industrial Camera
- Bottom: 40mm
- Process Side: >=3mm
- Component Defects: Missing Parts, Offset, Skew, Stele, Side Stand, Turn Over Parts, Wrong Parts, Damage, Reverse, Component Height Measurement, Warping
- Solder Paste Defects: More Tin, Less Tin, Tin, Tin Ball, Virtual Welding, Missing Welding Component Positioning/Component Type/component Composition Area (package/pad)/ Character Recognition
- All Around: Angle Camera.AOI Four-color Integrating Sphere Light Source, Coaxial Light Stripe Structure Light
- Resolution: 10um

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## Product Description

- \* Strong generalization, high detection rate, low false alarm rate
- \* End-to-end cloud connectivity, support for remote management
- \* Support MES system, support offline operation, support online non-stop debugging.
- \* 0 missing report, set 40+ cutting-edge AI model strategies, efficient and accurate detection, false detection rate <1%, reliable AI technology, effectively reduce algorithm misjudgment
- \* Programming time <1 minute, no component library, to achieve true one-click programming
- \* 1 millisecond algorithm inference, inference speed is greatly improved, model algorithm is extremely optimized
- \* Does not rely on the device library, complete the intelligent detection of the device; And recognize devices not included in CAD(Device Location Information) :
- \* Through efficient learning of the global characteristics of devices and defects, intelligent generation of different devices, different detection areas, different defect types of decision indicators;
- \* Normalization of multiple complex thresholds for defect detection into tolerance threshold adjustments without the need to describe and define device details; And through the study of statistical data, the quantitative threshold adjustment suggestions are given.
- \* There is no need for excessive technical requirements for programming personnel, and replacements can work at any time.

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