High Precision 3D-AOI PCBA Testing Equipment with 0.6-6mm Thickness and 1 Millisecond Algorithm Inference for SMT Testing

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

Product Description

High Precision 3D-AOI PCBA Testing Equipment SI-1030E

Turn Over Parts Component Defects and 0.6-6mm H Thickness

Advanced 3D-AOI testing equipment designed for high-precision PCBA inspection with exceptional defect detection capabilities.

Key Features

Strong generalization with high detection rate and low false alarm rate

End-to-end cloud connectivity with remote management support

MES system compatibility with offline operation and online non-stop debugging

Zero missing reports with 40+ cutting-edge AI model strategies

False detection rate <1% with reliable AI technology to reduce algorithm misjudgment

Ultra-fast programming time <1 minute with true one-click programming

1 millisecond algorithm inference with greatly improved speed

Device-independent operation with intelligent detection of components

Intelligent generation of decision indicators for different devices and defect types

Simplified threshold adjustments through statistical learning

Minimal technical requirements for programming personnel

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