



MagicRay 3D SPI-VSP3000 SMT Screen Printer with 12MP Industrial Camera Granite Platform and Automatic Width Adjustment for 3D Solder Paste Inspection

Our Product Introduction

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Basic Information

- Brand Name: MagicRay
- Model Number: VSP3000
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 1000*1500*1700mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Equipment Model: VSP3000
- Image System Camera: 12MP Industrialcamera
- Resolution: 15μm, 12μm, 10μm
- FOV: 60*45mm(12MP, 15μm)
- Height Resolution: 0.37μm
- Lighting: 3color Ring ShapeLED(RGB)
- Height Measurement Method: Projectors
- Movement Structure: X/Y Movement
- Platform: Granite
- Width Adjustment: Automatic
- Transport Type: Belt
- Board Loading Direction: Lefttoright Or Right To Left(Select At Point Of Order)
- Fixed Rail: Front Rail
- Highlights: 3D VSP3000 SMT Screen Printer



More Images



Product Description

MagicRay 3D SPI-VSP3000 Series SMT Screen Printer

The MagicRay 3D SPI-VSP3000 series is specifically designed for 3D solder paste inspection following SMT screen printing processes, ensuring superior quality control in electronics manufacturing.

Key Features & Capabilities

- Intelligent zero reference point technology ensures precise height measurement accuracy
- Advanced detection of solder bridging, solder breakage, icicle formation, and other common defects
- Effective performance across PCBs with varying color variations and surface finishes
- Automatic solder pad compensation enhances measurement precision for both height and volume
- Comprehensive SPC data analysis for continuous process quality improvement
- Three Point Checks software enables rapid root cause analysis for excess solder, insufficient paste, and smearing issues



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