



Real Z 3000A SMT Solder Paste Thickness Tester with 0201 Minimum Measurable Element and Multiple Line Sharing for High Precision SMT Production

Our Product Introduction

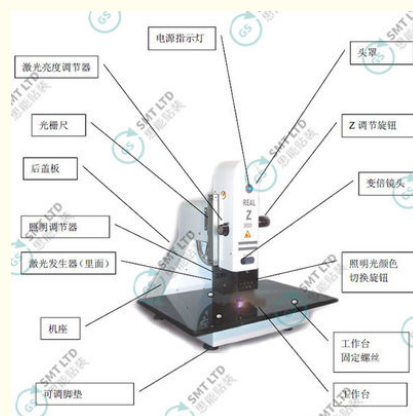
Basic Information

- Place of Origin: Germany
- Brand Name: Real
- Model Number: Real Z 3000A
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 700*600*800 mm
- Delivery Time: 5-15 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Measurement Principle: Relative Method, Grating Ruler As The Benchmark
- Resolution: 0.001 Mm
- Absolute Accuracy: ≤ 0.003
- Repeatability Accuracy: ≤ 0.01
- Green Copper And Copper Yes
Foil Of Error Compensation:
- Eliminate Deformation Error Yes
Of PCB:
- Range: 30 Mm
- Optical Magnification: 50 - 360X Continuous Stepless Zoom
- Field: 10 X 7.5 - 1.2 X 0.8 Mm Adjust According To Demand
- Maximum Size Of PCB: 400 X 600 Mm
- Minimum Measurable Element: 0201, 01005, 0.2mm, Fine Pitch IC, BGA/CSP
- Light Color: White, Green, Blue And Turn Off Can Be



Product Description

Real Z 3000A SMT Solder Paste Thickness Tester

Product Features

1. Fully enclosed precision grating ruler ensures high accuracy measurement with real-time calibration and closed-loop feedback
2. Relative measurement method eliminates PCB deformation errors and compensates for green oil/copper foil thickness variations
3. Large measurement range capable of handling double-sided panels, V-Cut grooves, component heights, and BGA tin balls
4. Granite measuring platform provides durability, static-free operation, and accommodates large PCB areas
5. Integrated solid base with adjustable level damping foot for enhanced stability
6. Stepless magnification optical lens system suitable for components from large pads down to 0201 and 01005 sizes
7. Autofocus system maintains consistent focal length after magnification adjustments
8. Laser generator with automatic standby protection and adjustable brightness controls
9. Color camera system for clear PCB feature identification with photo/video capture capabilities
10. Long-life LED lighting with color switching options for different PCB surfaces
11. Multi-line monitoring with group management and independent quality criteria for each production line
12. Real-time statistical analysis including mean value, standard deviation, Cpk, defect rate, and control charts
13. Optional measurement capabilities for length, width, angle, proportion, area, coverage, volume, and weight
14. Data export in Excel or text format with automatic storage and power failure protection
15. Standard computer interface for easy installation and replacement without hardware modifications
16. User-friendly software interface with fast measurement speed



SMT Real Z 3000A | Solder Paste Thickness Tester | 2D SPI Technology | PCB Quality Control | SMT Equipment | Automated Inspection Systems
| Solder Paste Height Measurement | SMT Assembly Line Automation | Stencil Printing Accuracy | High-Speed Inspection Machines | SMT
Production Efficiency



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