



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

### Our Product Introduction

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#### 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

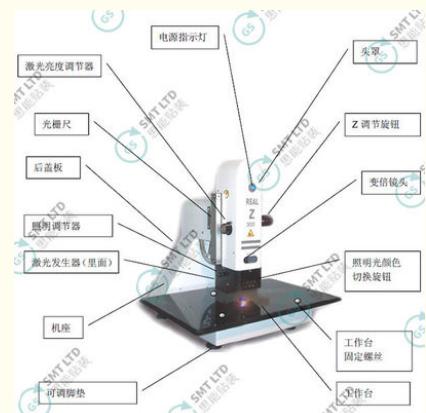


#### Product Specification

- Measurement Principle: Relative Method, Grating Ruler As The Benchmark
- Resolution: 0.001 Mm
- Absolute Accuracy:  $\leq 0.003$
- Repeatability Accuracy:  $\leq 0.01$
- Green Copper And Copper Yes  
Foil Of Error Compensation: Yes
- Eliminate Deformation Error Yes  
Of PCB: Yes
- 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 Colors:

White, Green, Blue And Turn Off Can Be



## Product Description

### Features:

1. With fully enclosed precision grating ruler as the measurement benchmark, real-time calibration of measurement results, full closed-loop feedback, high precision. The measurement does not rely on the transmission system such as the easily worn screw motor, and the accuracy is good and the failure rate is low.
2. The relative measurement method is used to eliminate the error of PCB deformation, which can compensate the error caused by green oil and copper foil thickness.
3. Large range, can directly measure the double panel, can also measure in addition to the solder paste such as V-Cut groove depth, components, BGA tin ball height, etc.
4. Granite measuring platform, wear-resistant, not easy to deformation, no static electricity, can measure the PCB area is large.
5. Integrated solid base, good rigidity. Adjustable level damping foot.
6. Large range of stepless magnification optical lens, high magnification, suitable for large pad to 0201, 01005, 0.2mm fine pitch IC, BGA, CSP, etc., strong flexibility.
7. When the measuring laser beam is aligned to the measured surface, the optical lens automatically focuses on the measured surface. The focal length stays the same automatically after the magnification.
8. Laser generator with automatic standby protection, life delay several times. Easy adjustment of laser brightness.
9. Color camera, easy to identify various features on the PCB board. You can take pictures and video. Hot-swappable USB port.
10. Long life LED lighting, color can be switched for various colors of PCB board measurement. Easy to adjust lighting brightness.
11. Simultaneous monitoring and analysis of several production lines. It has the function of group management and one-click switching of the tested products, each production line is counted separately, and each product can have independent judgment criteria and option Settings to automatically judge whether it is qualified or not.
12. Refresh statistical parameters and charts in real time, with automatic calculation functions such as mean value, standard deviation, Cpk, defect rate, distribution chart, trend chart and X bar-R control chart, flexibly set statistical period, and automatically generate and print complete reports.
13. Optional measuring length, width, Angle, proportion, side length, area, coverage, volume, weight and can automatically judge the function.
14. Raw data can be exported in Excel or text format.
15. Automatic storage function, sudden power failure does not lose data. With a general purpose computer, the installation does not need to change the hardware, easy replacement.
16. Simple operation and software interface, fast measurement speed.

Global Soul Limited

[sales@gs-smt.com](mailto:sales@gs-smt.com)



SMT Real Z 3000A SMT Solder Paste Thickness Test | GSSMT, solder paste mixer, pick and place machine, smt equipment, Solder Paste Thickness Tester, SMT Equipment, 2D SPI Technology, Solder Paste Height Measurement, Automated Inspection Systems, PCB Quality Control, SMT Real Z 3000A Features, SMT Assembly Line Automation, PCB Inspection Equipment, Stencil Printing Accuracy, High-Speed Inspection Machines, SMT Production Efficiency



+8613728696610



liyi@gs-smt.com



smtmachinepart.com

Room F3B-016, B Block, Hao Yun Lai Bussiness Building, Liutang road , Bao'an District , Shenzhen, China