

## S-7000 X-ray Inspection Machine with 5μm Resolution 10kg Weight Capacity and 20X~100X Magnification for PCB Board Inspection

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Wds
- Minimum Order Quantity: 1
- Price: 32571

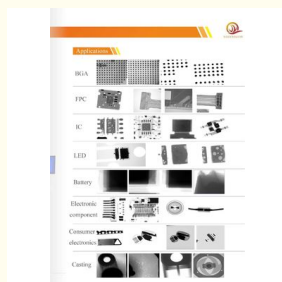


### Product Specification

- Model NO.: S-7000
- Resolution: 5μm
- Lighting System: Multi-Angle LED
- Weight Capacity: 10kg
- Magnification: 20X~100X
- Weight: 835Kg
- Power: 90kv
- Voltage: 220V
- Core Components: Xray Tube
- Dimensions: 116\*116\*187cm
- Defect Detection: Below 2.5 Microns
- Stage Movement: X, Y, Z Directions
- Detector Tilt: 45° Left And Right
- Detection Space: Large-sized Samples
- Navigation Window: Super Large Automatic



### More Images



## Product Description

### SMD X-ray Test Machine S-7000 PCB Board Inspection Equipment

DS-7000 microfocus X-ray inspection equipment for large-scale PCB board testing

#### Key Features

- X/Y-axis stage movement with Z-axis detector/light pipe adjustment at variable speeds (slow, medium, fast)
- 45° detector tilt capability for multi-angle defect observation without sample disturbance
- Maintenance-free light pipe with extended service life
- High-precision detection of defects below 2.5 microns with excellent repeatability
- CNC automatic detection with programmable inspection routines
- Large detection area accommodates oversized samples (10kg stage capacity)
- Automatic navigation window for precise stage positioning via mouse control

#### Technical Advantages

- Expanded detection range with improved magnification and inspection efficiency
- Multi-angle defect identification with zero blind spots
- Premium Japanese Hamamatsu (HAMAMATSU) X-ray source
- Clear visualization of gold wire bending/breaking in semiconductor packaging
- High-throughput design for mass production with automatic NG product detection
- Extra-large stage accommodates industrial control boards, LED light bars, and diverse electronics
- Intuitive operation for rapid defect identification

#### Primary Applications

BGA inspection, Semiconductor IC analysis, Electronics manufacturing, Food industry quality control, Battery inspection, Microwave device testing, LED production, Connector verification

### Frequently Asked Questions

#### How is the machine packaged for shipping?

All PCB X-ray inspection machines are securely packed in reinforced wooden crates for safe international shipping.

#### What are the delivery options and timelines?

- Express courier (DHL/FedEx/UPS): 5 days door-to-door
- Air freight: 3 days to destination airport
- Sea freight: Approximately 30 days to seaport (minimum 1 CBM)

#### What warranty and support do you provide?

1-year warranty on spare parts with lifetime technical support. Our professional after-sales team provides comprehensive assistance including instructional videos.

#### Do you offer on-site training?

Yes, we welcome factory visits and provide complimentary operator training.

#### What payment methods do you accept?

We accept bank transfers, Western Union, MoneyGram, and other secure payment methods.

**We solve the chip's problem with precision inspection technology!**



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