



## DS-7000 Microfocus Xray Inspection Equipment with 90KV X-Ray Tube and 9 Million Pixels Image Receptor for Large-Scale PCB Board Testing

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: WDS
- Minimum Order Quantity: 1
- Price: CN¥206,698.51



#### Product Specification

- Weight: 1205 Kg
- Power: 60 KW
- Voltage: 220V Electrical Equipment, 90 - 130 KV
- X-Ray Tube Type: Close X-Ray Tube 90KV 5um
- Image Receptor: 9 Million Pixels, 72lp/cm
- Size: 1300 \*1400\*1650mm
- Equipment Size: 4500\*1200\*2118mm
- Power Supply: 220V 50Hz - 60hz
- Detection Resolution: 2.5 Microns
- Stage Load Capacity: 10KG
- Detector Tilt: 45° Left And Right
- X-ray Source: Japanese Hamamatsu (HAMAMATSU)
- Movement Speed: Slow, Medium, Fast
- Magnification: Improved
- Detection Efficiency: High



#### More Images



## Our Product Introduction

for more products please visit us on [bgaxraymachine.com](http://bgaxraymachine.com)

### Product Description

#### DS-7000 Microfocus X-ray Inspection Equipment

Advanced large-scale PCB board testing equipment for comprehensive quality control and defect detection.



#### Key Functions

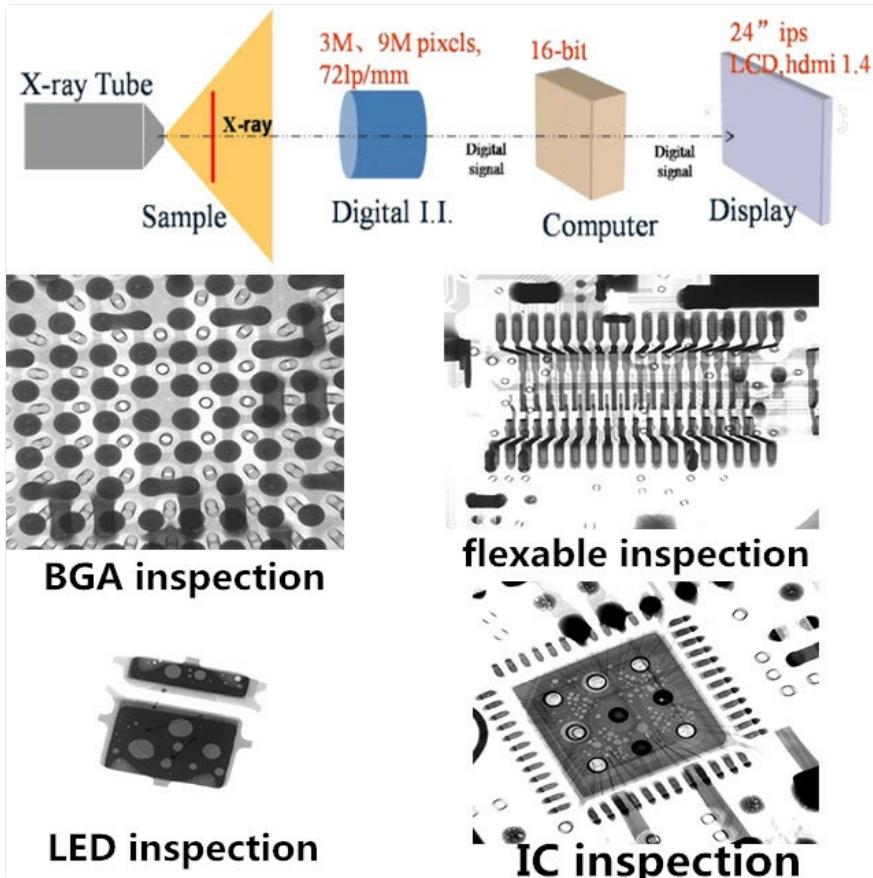
- XYZ-axis movement with variable speed control (slow, medium, fast)
- 45° left/right detector tilt for multi-angle defect observation
- Long-life, maintenance-free light pipe technology
- High-precision detection capability below 2.5 microns
- CNC automatic detection with editable programs
- Large detection space with 10KG stage capacity
- Automatic navigation window for precise stage positioning

#### Technical Advantages

- Extended detection range with enhanced magnification and efficiency
- Multi-angle inspection for complete defect visibility
- Premium Japanese Hamamatsu X-ray source
- Clear identification of gold wire bending/breaking in semiconductors
- High-volume detection with automatic NG product judgment
- Super-large stage accommodates industrial motherboards and LED light bars
- User-friendly operation for rapid defect identification

#### Applications

DS7000 IC IGBT X-ray machine for comprehensive welding and soldering inspection across multiple industries:



BGA (Ball Grid Array) inspection

Semiconductor IC analysis

Electronics manufacturing

Food industry quality control

Battery inspection and analysis

Microwave device testing

LED component inspection

Connector quality verification

## Frequently Asked Questions

### How is the equipment packaged for delivery?

All PCB X-ray inspection machines are packed in standard strong wooden cartons to ensure safe shipping.

### What are the delivery options and timelines?

DHL, FedEx, UPS (Door to Door): Approximately 5 days

Air freight (Door to Airport): Approximately 3 days

Sea freight (Minimum 1 CBM): Approximately 30 days

### What warranty and after-sales support is provided?

1-year warranty on spare parts with lifetime technical support. Professional after-sales team and instructional videos available.

### Is training provided for factory visits?

Yes, we warmly welcome factory visits and provide complimentary training sessions.

### What payment methods are accepted?

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

### We solve the chip's problem!



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