



## High Automation BGA Rework Station with 9000W Rated Capacity for 760×630mm Maximum PCB Size and AC380V Power Supply

Our Product Introduction

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### Basic Information

- Brand Name: Wisdomshow
- Minimum Order Quantity: 1
- Price: 17000



### Product Specification

- Model NO.: WDS-900
- Voltage: 110V/220V
- Rated Capacity: 9000W
- Weight: 323 Kg
- Dimensions: L950×W1350×H1830mm
- Total Power: 9500W
- Upper Heating Power: 1600W
- Lower Heating Power: 1600W
- Lower IR Power: 6000W
- Positioning Method: V-shaped Slot + Universal Clamp + Laser Positioning Light + Joystick-controlled
- Temperature Control: High-precision K-type Thermocouple Closed-loop Control, ±2 Degrees Accuracy
- Electrical Appliance: Touch Screen + Temperature Control Module + Single Chip Microcomputer
- Max PCB Size: 760×630mm



### More Images



| 产品技术参数     |                 |         |         |
|------------|-----------------|---------|---------|
| WDS-900返修台 |                 |         |         |
| 电源         | 三相380V, 50/60Hz | 总功率     | 9400W   |
| 上部加热器      | 最大1600W         | 底部红外加热器 | 最大6000W |
| 下部加热器      | 最大1600W         | 烙铁最大容量  | 350g    |
| 温度范围       | 15℃~250℃        | 芯片最大厚度  | 0.15mm  |
| 最大PCB尺寸    | 960×1060mm      | 最小PCB尺寸 | 10×10mm |
| 适用pcb厚度    | 0.5~8mm         | 测温接口    | 5个      |
| 精度精度       | ±0.5mm          | PCB固定方式 | 外形固定压孔  |
| 外形尺寸       | 1350×950×1830mm | 机器重量    | 323kg   |



## Product Description

### High Automation BGA Rework Station WDS-900 for Precision PCB Chips Repairs

The WDS-900 is a high-end optical BGA rework station designed for precision motherboard repairs. This semi-automatic system performs three critical processes:

- Automatic BGA desoldering and removal
- Semi-automatic BGA alignment and mounting
- Automatic BGA soldering

These three processes complete the motherboard repair cycle with high precision and efficiency.

### Technical Specifications

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| Total Power                | 9500W                                                                                      |
| Upper Heating Power Supply | 1600W                                                                                      |
| Lower Heating Power Supply | 1600W                                                                                      |
| Lower IR Power             | 6000W                                                                                      |
| Positioning Method         | V-shaped slot + Universal clamp + Laser positioning light + Joystick-controlled            |
| Temperature Control        | High-precision K-type thermocouple closed-loop control ( $\pm 2^{\circ}\text{C}$ accuracy) |
| Control System             | Touch screen + Temperature control module + Single chip microcomputer                      |
| PCB Size Range             | 10×10mm to 760×630mm                                                                       |
| Dimensions                 | 950×1350×1830mm (L×W×H)                                                                    |
| Power Supply               | AC380V $\pm 10\%$ 50/60Hz                                                                  |

### Target Applications

#### What kind of companies need the WDS-900 BGA Rework Station?

The WDS-900 is ideal for businesses requiring high-quality, efficient motherboard repairs with stable repair volumes. This fully automatic system is a long-term investment with a typical service life of 6-10 years when properly maintained. It's particularly valuable for organizations repairing high-value motherboards with strict quality requirements.

### Packaging & Shipping

- Standard export wooden cases
- Delivery within 3 working days after payment confirmation
- Shipping options: TNT, DHL, FedEx, air or sea freight
- Loading ports: Shenzhen or Hong Kong

### Certifications

- CE certification
- FDA certification
- ISO 9001 certification

## Manufacturer Profile

Shenzhen Wisdomshow Technology Co., Ltd., founded in 2011 by experienced engineers and sales professionals, specializes in BGA rework stations and X-RAY inspection equipment. With a 10,000 square meter facility in Shenzhen Baoan, the company holds ISO9001, CE, and FDA certifications along with multiple patents. Wisdomshow serves clients across Asia, Europe, and North America, providing solutions for server motherboard repair, LED assembly, and smartphone production.

## Trade Exhibitions

## After-Sales Support

- 24-hour technical support via email or phone
- One-year free warranty (other costs borne by buyer)
- Training resources including demonstration videos
- On-site training available at manufacturer's facility
- Comprehensive English user manual provided
- Special agency discounts available



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