



## WDS-900 Computer-Controlled High Precision Semi-Automatic BGA Rework Station for PCB Repair

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Minimum Order Quantity: 1
- Price: 17000



### Product Specification

- Model NO.: WDS-900
- Voltage: 380V
- Weight: 323 Kg
- Core Components: PLC
- 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 (Ksensor) Closed-loop Control (Closed Loop), Independent Upper And Lower Temperature Measurement With A Temperature Accuracy Of Up To  $\pm 2$  Degrees
- Electrical Appliance: Touch Screen + Temperature Control Module + Single Chip Microcomputer



### More Images



## Product Description

### WDS-900 Computer-Controlled BGA Rework Station System Soldering Equipment

WDS900 semi-automatic operation BGA rework station

WDS-900 is a high end optical BGA rework station that can repair motherboards with high precision. The repair process consists of three main parts:

Automatic desoldering the BGA – Remove

Semi-Automatic alignment the BGA – Mount

Automatic soldering the BGA – Solder

After completing these three processes, the motherboard repair is finished.

### Specifications

|                                       |                                                                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Total power</b>                    | 9500W                                                                                                                                                                                    |
| <b>Upper heating power supply</b>     | 1600W                                                                                                                                                                                    |
| <b>Lower heating power supply</b>     | 1600W                                                                                                                                                                                    |
| <b>Lower IR POWER</b>                 | 6000W                                                                                                                                                                                    |
| <b>Positioning method</b>             | V-shaped slot + Universal clamp + Laser positioning light + Joystick-controlled                                                                                                          |
| <b>Temperature Control</b>            | High-precision K-type thermocouple (Ksensor) closed-loop control (Closed Loop), independent upper and lower temperature measurement with a temperature accuracy of up to $\pm 2$ degrees |
| <b>Electrical Appliance Selection</b> | Touch screen + Temperature control module + Single chip microcomputer                                                                                                                    |
| <b>Maximum PCB Size</b>               | 760×630mm                                                                                                                                                                                |
| <b>Minimum PCB Size</b>               | 10×10mm                                                                                                                                                                                  |
| <b>Overall Dimensions</b>             | L950×W1350×H1830mm                                                                                                                                                                       |
| <b>Power Supply</b>                   | AC380V $\pm$ 10% 50/60Hz                                                                                                                                                                 |

#### Q: What kind of company will need the desktop high precision computer control Optical BGA rework station?

There is no specific definition, but this full automatic BGA rework station WDS-900 has been sold to many companies that repair high-value motherboards with strict requirements for rework quality and efficiency, and have stable enough quantity that needs to be repaired. It is a machine worth investing in, because it can be used for 6-10 years if properly maintained.

### Packaging & Shipping

Standard Export Wooden cases

Delivery in 3 work days after payment confirmation

Shipping by TNT, DHL, FEDEX, or by air or by sea

Loading port: Shenzhen or Hongkong

## Certifications

CE certification

FDA certification

ISO 9001 certification

## Company Profile

Shenzhen Wisdomshow Technology Co., Ltd. was founded in 2011 by a team of experienced engineers and sales experts. Specializing in BGA rework stations and X-RAY inspection equipment, the company has grown rapidly through continuous R&D and technological innovation. In 2015, it expanded into the X-RAY field, launching several advanced inspection systems.

Our factory is based in Shenzhen Baoan, covering about ten thousand square meters. With ISO9001, CE and FDA certifications, multiple patents, and strong customization capabilities, Wisdomshow serves clients across Asia, Europe, and North America. Its solutions are widely used in server motherboard repair, LED assembly, and smartphone production. Guided by the principles of professionalism, innovation, and integrity, the company continues to earn global trust and recognition.

## Exhibition

## After Sales Service

Contact: 24 hours technical support by email or calling

Warranty: one year free, but all other relative costs should be on the buyer's account

Technology Support: Provide demo operation video for training; If you have time, welcome to our company, we will arrange engineers to show you the operation

Service: Friendly English User manual provided; Good and professional after-sales service

Price: Give great discount to AGENCY to ensure agents profit



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