



Fully Automatic BGA Rework Station with 360-Degree Electric Rotation K-Type Thermocouple and CE ISO9001 Certification

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Wds
- Minimum Order Quantity: 1
- Price: 18000



Product Specification

- Voltage: AC380V
- Weight: 350kg
- Dimensions: L970mm*W700mm*H830mm
- Total Power: Max 9000W
- Top Heater Power: 1600W
- Bottom Heater Power: 1600W
- Bottom Preheating Power: 5000W(2000W Controlled)
- Temperature Accuracy: ± 1
- Mounting Accuracy: $\pm 0.01\text{mm}$
- Mounting Pressure: $< 0.2\text{N}$
- Max PCB Size: Max 750mm $\times$ 620mm; Min 10mm $\times$ 10mm
- BGA Chip Size: 0.8mm $\times$ 0.8mm-120mm $\times$ 120mm
- Alignment System: HDMI High-definition Optical Alignment System
- Temperature Control: K-type Thermocouple



More Images



Product Description

WDS-900 Fully Automatic Computer-Controlled BGA Rework Station

Product Overview

The WDS-900 is a high-end optical BGA rework station designed for precision motherboard repair with PC-controlled operation and HDMI high-definition optical alignment system.

Key Specifications

- Machine Type:** Welding Manipulator
- Voltage:** AC 380V±10% 50/60 Hz
- Rated Capacity:** Max 9000W
- Dimensions:** L970mm × W700mm × H830mm
- Weight:** 300KGS
- Certification:** CE ISO9001
- Warranty:** 1 Year

Product Features

Advanced Repair Process

- Automatic desoldering the BGA (Remove)
- Semi-Automatic alignment the BGA (Mount)
- Automatic soldering the BGA (Solder)

Technical Advantages

- Precision Optical Alignment:** HDMI high-definition digital imaging system with 200X magnification
- Temperature Control:** K-type thermocouple with ±1°C accuracy
- Heating System:** Top (1600W) and bottom (1600W) heaters with 5000W preheating
- Mounting Accuracy:** ±0.01mm with <0.2N mounting pressure
- Safety Features:** Double over-temperature protection with automatic power cutoff

Detailed Specifications

Parameter	Value
Max PCB Size	750mm × 620mm
BGA Chip Size Range	0.8mm × 0.8mm - 120mm × 120mm
Top Heater Temperature	400°C (Max)
Mounting Accuracy	±0.01mm
Color	White

Packaging & Delivery

- Packaging:** Standard wooden carton with protective foam
- Lead Time:** 10 days for single unit (negotiable for bulk orders)
- Shipping Port:** Shenzhen or Hong Kong
- Transport Options:** Air or sea freight available

Why Choose WDS

- 12+ years experience in BGA rework systems
- CE certified equipment
- Global reputation for quality

Professional technical support
Competitive pricing with reliable performance

Frequently Asked Questions

Q: Is this machine easy to operate for first-time users?

A: The machine includes an English manual and guide video, with English language interface available. Additional support is provided via email, Skype, phone, or video call.

Q: What if the machine develops problems?

A: We provide free replacement parts during the 1-year warranty period.

Q: How is the machine packaged for shipping?

A: All machines are securely packed in standard wooden cartons with protective foam interior.

Q: What payment methods do you accept?

A: We accept bank transfer, Western Union, MoneyGram, PayPal, online payment, and credit cards.



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