

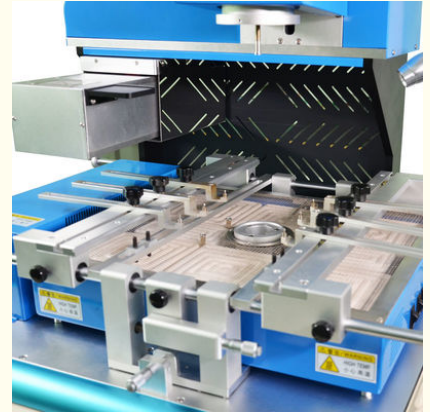


## Automatic Feeding BGA Reflow Machine WDS-750 with Optical Alignment

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-750
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 150 UNITS PER MONTH



### Product Specification

- Product Name: Automatic Welding Robot
- Feature: Current Protection
- Function: Production Metal Products
- Welding Material: Stainless Steel Stud
- Welding Method: Automation TIG Welding
- Highlight: **Automatic Feeding BGA Reflow Machine,  
WDS-750 BGA Reflow Machine,  
Optical Alignment BGA Rework Tools**

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

## Product Description

### WDS-750 Optical Alignment BGA Rework Station

#### parameter Specification:

|                             |  |
|-----------------------------|--|
| Total power                 | 6800W  |
| Upper heating power         | 1200W  |
| Bottom heating power        | 1200W  |
| Bottom IR heating power     | 4200W(2400W is controlled)   |
| Power supply                | (Single Phase) AC 220V±10 50Hz   |
| Location way                | Optical camera+ V-shape card slot + laser position for fast location                             |
| Temperature control         | High precision K sensor closed loop control,independent temperature control with ±1 °C precision |
| Appliance selection         | High sensitive touch screen + temperature control mode +Panasonic PLC +step driver               |
| Max. PCB size               | 550×480mm  |
| Min. PCB size               | 10×10mm  |
| Sensor                      | 4units   |
| Chip amplification multiple | 1-200X   |
| PCB thickness               | 0.5-8mm  |
| Chip size                   | 0.2*0.4mm-9cm  |
| Min. chip space             | 0.15mm   |
| Max. mount loading          | 100G   |
| Mount precision             | ±0.01mm  |
| Overall size                | L670×W770×H900mm   |
| Optical camera              | Can be removed front and back,left and right,prevent the dead angle                              |
| Machine weight              | 90kg   |

#### Features:

- 1.Touch screen interface,heating time,heating temp,temp rise speed,cooling time,alarm advance,vacuum time are set up inside the touch screen,easy to use;
- 2.Panasonic PLC, independent control temperature control module,shows 3 temp curves all the time,4 independent sensors,check the temp accurately for the chip points,ensure the weld yield;
- 3.3 independent heating zones,each heating zone can set up the heating temp,heating time,temp rise rate;Six period of heating temperature, simulate the reflow heating mode,set up as Preheating, keeping, heating, welding, welding, cooling;
- 4.Auto feed chip,auto pick up chip,auto blowing chip,can identify the central position automatically when optical alignment;
- 5.Multifunction mode choice, four modes as weld,remove,mount>manual,automatic and semi-auto function,meet the various needs of the users;
- 6.Uses the high precision K-type thermocouple closed-loop control which is imported from USA,with the unique heating method,ensure the weld temp precision control within ±1 °C
- 7.Uses imported optical alignment system,500 pixel HD camera,HDMMI HD signal output,15 inch HD LCD,high accurate micrometer X/Y/Z axis adjustment,ensure the location precision within 0.01-0.02mm;
- 8.The upper heating head and placement head are designed 2 in 1,different size of heating nozzles are provided,easy to remove and install,can be customized,meet the more requirement for users;
- 9.High automation and precision to avoid artificial error fully,can make the best repairing effect for the lead free technology,double-deck BGA,QFN,QFP,capacitance resistance and other components and parts;
- 10.Equipped the extra camera to observe the solder ball melting,to ensure the temp curve and weld effect(this function is optional).



Shenzhen Wisdomshow Technology Co.,Ltd



+86 17727914291



Mia@wdsbga.cn



[bgaxraymachine.com](http://bgaxraymachine.com)

No.6,Haosi Western Industry,Shangjing Town,Bao'an District,Shenzhen,China