



## WDS1800 Fully Automatic BGA Rework Station Advanced Technology for Soldering Needs

### Our Product Introduction

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

#### Basic Information

- Place of Origin: CHINA
- Brand Name: WDS
- Certification: CE
- Model Number: WDS1800



#### Product Specification

- Mini Pcb Size: 10\*10mm
- Smt Precision:  $\pm 0.01$ mm
- Pcb Thickness: 0.8mm - 8mm
- Voltage: 220/110V
- Bottom Heater Power: Max 8000W
- Max Pcb Size: 640\*490mm
- Machine Weight: 580kg
- Pcb Position Mode: V Type Card Slot+universal Fixture
- Highlight: **wds1800 fully automatic bga rework station,**  
**wds1800 infrared bga rework station,**  
**110v infrared bga rework station**

## Product Description

### Product Description:

The PCB position mode of this reballing machine features a V Type Card Slot and a universal fixture, allowing for easy and flexible positioning of boards. The machine supports a maximum PCB size of 640\*490mm, making it ideal for larger-sized boards. Additionally, the machine can also accommodate mini PCBs as small as 10\*10mm, making it versatile for a range of applications.

The bottom heater power of this rework station is a maximum 8000W, ensuring efficient and rapid heat transfer. The machine is equipped with a large size touch screen that allows for easy and intuitive operation. The screen displays all the necessary information and settings, making it easy to monitor and adjust the reworking process.

One of the most advanced features of this rework station is its vision alignment technology. The machine features automatic alignment, ensuring that components are accurately placed on the board. This technology ensures that there is no risk of misalignment or damage to the board or components, resulting in a more efficient and cost-effective rework process.

In summary, the Fully Automatic BGA Rework Station is a must-have for any electronics manufacturing facility. With its full automatic operation, V Type Card Slot and universal fixture, maximum PCB size of 640\*490mm, and ability to accommodate mini PCBs as small as 10\*10mm, this machine is versatile and flexible enough to handle a range of applications. With a maximum bottom heater power of 8000W and a large size touch screen, this machine ensures efficient and accurate rework, every time. And with its automatic alignment technology, the risk of misalignment or damage to the board or components is greatly reduced, resulting in a more efficient and cost-effective rework process.

### Features:

Product Name: Fully Automatic BGA Rework Station

Pcb Thickness: 0.8mm - 8mm

Voltage: 220/110V

Weight: About 580KG

Power Supply: Ac380v  $\pm 10\%$ , 50/60hz

Feeding Device: Fully Automatic

Features:

Fully automatic soldering station

HD monitor for easy monitoring and control

Can handle PCBs with thickness ranging from 0.8mm to 8mm

Weights about 580KG making it sturdy and stable during rework

Power supply of Ac380v  $\pm 10\%$ , 50/60hz for reliable performance

Feeding device is fully automatic for increased efficiency

### Technical Parameters:

Max Pcb Size	640*490mm
Feeding Device	Fully Automatic
Power Supply	Ac380v $\pm 10\%$ , 50/60hz
Power	12000W
Software Control	Windows Based
Machine Weight	580kg
Pcb Position Mode	V Type Card Slot+universal Fixture
Voltage	220/110V
Smt Precision	$\pm 0.01$ mm
Upper Heater Power	Max 1200W

### Applications:

The WDS1800 comes with an accurate temperature control system that ensures that the soldering process is carried out at the right temperature. This is important because soldering at the wrong temperature can cause damage to the PCB and components. With the WDS1800, you can be assured that your PCBs and components are safe from damage due to overheating or underheating.

The WDS1800 is a fully automatic BGA rework station that is designed for use in a variety of application occasions and scenarios. This product is ideal for use in the electronics manufacturing industry, where PCB rework tasks are common. The product is also suitable for use in repair shops, where BGA rework tasks are carried out on a regular basis.

The WDS1800 is capable of handling PCBs with a thickness ranging from 0.8mm to 8mm. This makes it a versatile tool that can be used for a wide range of PCB rework tasks. The machine weighs 580kg, making it a sturdy and reliable product that can be used for long periods without suffering from wear and tear.

The WDS1800 also boasts an impressive SMT precision of  $\pm 0.01$ mm, which is essential for carrying out precise PCB rework tasks. With this level of precision, you can be assured that your PCBs and components will be handled with care and precision, ensuring that they are not damaged during the rework process.

In conclusion, the WDS1800 Fully Automatic BGA Rework Station is a top-of-the-line soldering station that is built with advanced technology, accurate temperature control, and high precision. It is suitable for use in a variety of application occasions and scenarios, making it an essential tool for anyone involved in PCB rework tasks.

## Support and Services:

The Fully Automatic BGA Rework Station is a high-end device designed to perform rework on BGA components with precision and accuracy. It comes equipped with advanced features such as auto optical alignment, temperature control, and a powerful heating system. Our product technical support team is available to provide assistance with any issues related to the product's functionality and performance. We also offer a range of services, including installation, training, and maintenance to ensure that your device is always operating at its best. Contact us today to learn more about our product technical support and services.

## Packing and Shipping:

Product Packaging:

1 Fully Automatic BGA Rework Station

1 Power cable

1 User manual

1 Set of spare parts

Shipping:

Shipping will be handled by our trusted courier partners.

Shipping charges will be calculated based on the destination address.

Delivery times may vary based on the destination address.

You will receive a tracking number once your order has been shipped.



**Shenzhen Wisdomshow Technology Co.,Ltd**



+86 17727914291



Mia@wdsbga.cn



bgaxraymachine.com

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