



## WDS 800 BGA Repair Machine Automation Adsorption For Chip Maintenance

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-800
- 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

- Bottom Pre-heating: IR 5000W
- Upper Heating Power: Hot Air 1200W
- Lower Heating Power: Hot Air 1200W
- Temperature Control: K-type Thermocouple, Close Loop Control
- Highlight: **WDS 800 BGA Repair Machine, Automation BGA Repair Machine, Chip Maintenance Laptop BGA Machine**

## Product Description

BGA Repair machine WDS-800 Automation equipment Chip maintenance adsorption

### Specification

Max PCB Size	W650*D610mm
PCB Thickness	0.5-8mm
BGA Size	1*1-80*80mm
Min.ball pitch	0.15mm
Max Weight of BGA	150g
Placement precision	±0.01mm
PCB Locating Way	Outer or location hole
Temperature Control	K-type thermocouple,close loop control
Lower Heating Power	Hot air 1200W
Upper Heating Power	Hot air 1200W
Bottom pre-heating	IR5000W
Power Supply	(Double Phase)220V,50/60Hz
Machine Dimension	L700*W1000*H950mm(without frame)
Machine Weight	140kg

### Outstanding performance features

Multi-language menu interface

Automatic feeding device

X/Y axis can be controlled by joystick, easy and fast operation

Imported high-definition CCD(2 million pixels) optical alignment system

High precision temperature control system, accurate temperature control

### HD optical alignment and interlligent control

The integrated design of hot air head and mounting head has the functions of automatic mounting, automatic welding and automatic disassembly. High precision K-type thermocouple(KSENSOR) Closed Loop control, up and down independent temperature measurement, temperature control accuracy up to  $\pm 1$  degree, Over-temperature protection alarm function, software encryption and anti-stay function.

### The X/Y/Z axis is automatically shifted

The upper temperature zone is controlled by the joystick servosystem, X and Y are automatically controlled by the motor movement mode, so that the alignment is fast and convenient, and the speed can be controlled.

### Vacuum adsrption and preheating platform

The upper heating head is equipped with a vacuum suction pipe for chip adsorption. The bottom preheating platform adopts imported excellent heating materials(infrared gold-plated light tube)+anti-flash thermostatic glass(temperature resistance up to 1800°C). The preheating area is up to 500\*420mm. The preheating platform, splint device and cooling system can be moved as a whole in the X direction. Make PCB positioning and folding welding more safe and convenient.



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