



## WDS700 7600W Power BGA Rework Station with High Sensitive Touch Screen and Precision Optical Alignment

### Our Product Introduction

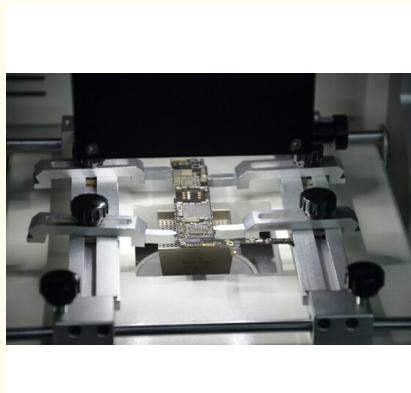
#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Wisdomshow
- Minimum Order Quantity: 1
- Price: CN¥42,076.04-50,380.52

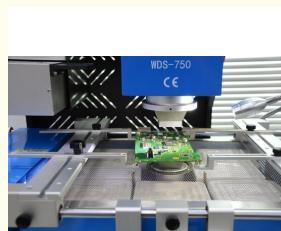


#### Product Specification

- Max Input Power: 7600W
- Rated Capacity: 7600W
- Voltage: 110V/220V
- Dimensions: L750\*W835\*H880mm
- Weight: 80kg
- Upper Heating Power: 1600W
- Lower Heating Power: 1600W
- PCB Size: Max:570\*1480mm, Min:5\*5mm
- BGA Chip Size: Max:120\*120mm, Min:0.8\*0.8mm
- Total Power: 2500W
- Applicable PCB: Max:140\*160mm, Min:5\*5mm
- Applicable IC: Max:80\*80mm, Min:1\*1mm
- Power Supply: AC220V, 50Hz
- Temperature Control: ±1
- Alignment Accuracy: ±0.01mm



#### More Images



## Product Description

### WDS-700 Cell Phone Motherboard Repairing Machine

Professional BGA rework station with original factory pricing for precise mobile phone motherboard repair operations.



### Key Features & Specifications

#### Advanced Features

- Automatic soldering, desoldering and mounting without joystick control
- High resolution optical alignment system with HD camera and 3-axis micro-adjustment
- Multiple nozzle sizes available with customization options
- Dual temperature zone control with independent upper and lower hot air heating
- Powerful cross-flow system with external temperature sensor socket
- High sensitivity touch screen with Panasonic PLC control
- Alarm function and dual over-temperature protection
- CE and ISO9001 certified



#### Technical Parameters

Total Power	2500W
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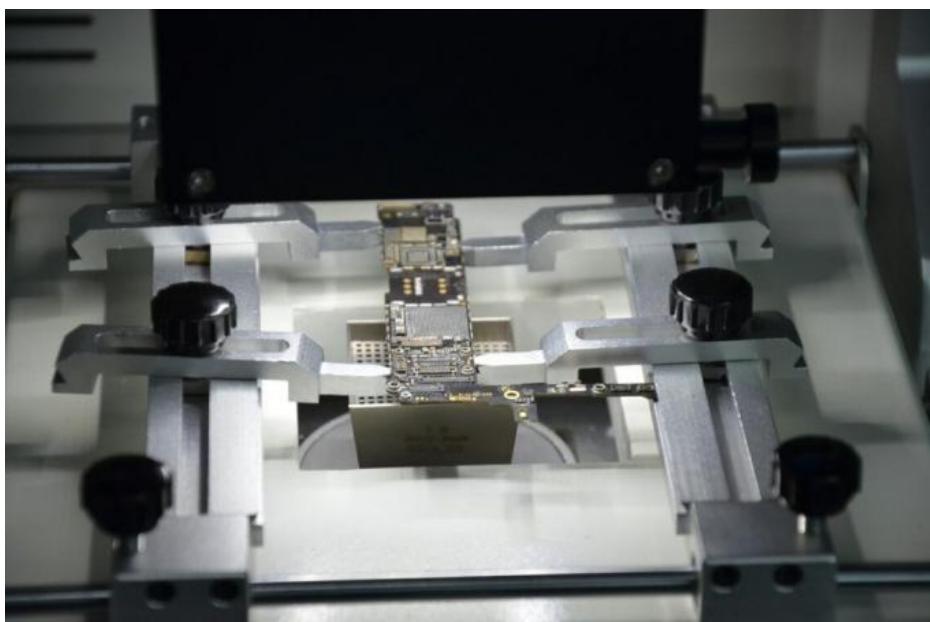
Upper Heating Power	1200W
Lower Heating Power	1200W
Model Number	WDS-700 rework iphone bga chip
Overall Dimension	L450*W470*H670mm
Applicable PCB	Max 140*160mm / Min 5*5mm
Applicable IC	Max 80*80mm / Min 1*1mm
Power Supply	AC220V, 50Hz
Weight	40kg
Electric Material	High sensitivity temperature control module, Delta PLC, Taiwan-made touch screen
Locating Mode	V-shape card slot with adjustable X&Y axis universal jigs

### Premium Components

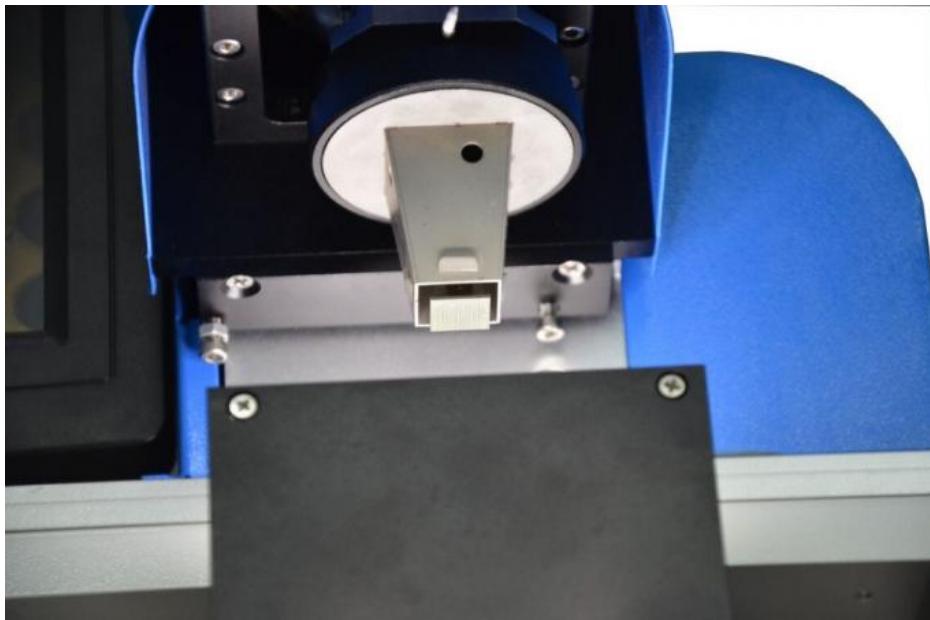
**High Sensitivity Touch Screen** - Supports both automatic and manual operation modes



**Robust Plate & Flexible Universal Jigs** - Includes 6 pieces for various applications



**Micrometer Angle Adjustment** - Micro-adjust for precise alignment



**Ergonomic Design & Multi-functional Controls** - Joystick, K-sensor, PCB, and BGA light adjustment



## Advanced System Capabilities

### Updated Operating System

Latest WDS-700 features 5 operational modes: Remove, Mount, Weld, Manual, and Semi-auto with flexible mode switching.

### Precision Temperature Control

- Independent dual heating zone control with  $\pm 1$  precision
- Simultaneous top and bottom heating with 8-segment independent temperature control
- Hot air distribution for BGA and PCB with flexible zone combination
- High precision K-type thermocouple closed-loop control with PID self-setting
- Real-time temperature curve analysis with multi-group data storage

### Optical Alignment System

High-definition adjustable CCD color optical system with beam split, amplification, auto focus, and automatic color/brightness adjustment on 15" HD LCD monitor.

### Humanized Operation

- HD touch human-machine interface
- 2-in-1 upper heating and mounting head design
- 360-degree rotatable titanium alloy BGA nozzles
- X, Y, and R angle micrometer fine-tuning with  $\pm 0.01$ mm precision

### Safety Protection

Automatic alarm upon completion, circuit auto-power-off during temperature abuse, dual over-temperature protection, and password-protected temperature parameters.



## Packaging & Shipping

Standard export wooden packaging for BGA rework station

Delivery within 2 working days after payment confirmation

Shipping via TNT, UPS, DHL, FEDEX (IE), Aramex, air or sea

Loading port: Shenzhen or Hong Kong

## Why Choose WDS?

Direct manufacturer providing best quality, service, and pricing

100% new from WDS factory

Over 20 R&D engineers with 10 years experience

Over 100,000 global users

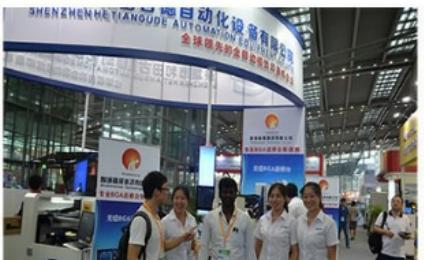
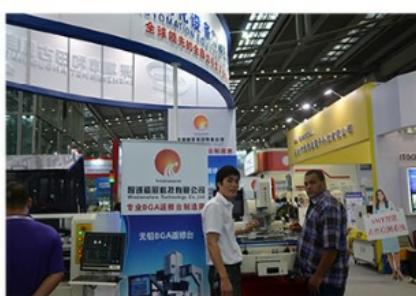
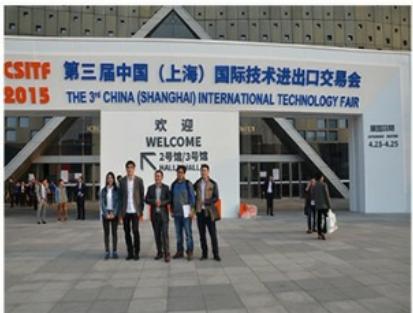
CE ISO9001 certified models

100% quality control inspection before shipment

High quality with competitive pricing

## WDS Manufactuer of BGA rework station







Dear Waiting for you, we are always be here...

## Customer Feedback

### Some of Customer's Feedback:

1. Hi mate, your high performance machine is so competitive in my country, this let me make much profit , my customers are really like it . cooperate with you is so wonderful ! thank you ! -----Richard---Turkey
- 2.i have received my products , your packing is do discreet and perfect , it really amazed me .i will order more from you as soon as possible . thanks a lot. -----Robet--Australia
- 3.i have cooperated with you for many times , your product quality is so great , that is why i still buy the products from you . thank you . ----- Corentin ---Brazil

Buyer	Transaction Details	Feedback	Sort by
Jere 	WDS-650 Best Price IR 2700W Bga Rep...  US \$4,800.00 x 1 piece	 28 Nov 2014 04:03 Un excellent revendeur ! Machine de très bonne qualité La machine est venu rapidement Nous avons eu des difficultés à faire quelque petite chose avec cette machine mais M. Zhou nous a beaucoup aider , c'est une personne génial bravo pour votre bon boulot Nous vous aimons	



How about the WDS-700  
bga machine ?



Very well and you Thank  
you for the machine I am  
doing very good works.

Good, glad to hear that and  
thanks for your support. We  
will still be your best service.



C'est une excellente machine, j'ai lu qu'on pouvait mettre une micro SD avec des données, avez-vous une avec des données pour des pc et smartphones Apple ?

Hello Amit, how are you ? about one years passed, if you remember me ? Ahaha, for the machine WDS-620 supplier. 😊

yes

whats new

Are you still working today ?

yes

May I know how about the use of WDS-620 ?

Is it a good helper for your company ?

we used it its working fine

Good , glad to here that . Any end of last year, we have 1

Any works done ?



,many works since a got  
machine 😊

Ahaha, More customer,  
More business,More  
money, and then you could  
buy a new car 😊

How about the WDS-4860  
bga machine ?

buy a new car 😊

How about the WDS-4860  
bga machine ?



,next year i buy another  
machine to you,, i upgrade  
to semi automatic,, pick  
and place machine

,WDS-4860 is good,, i got  
already the money i spend  
for it 😊

How about the WDS-430 bga machine ?



It's okey working great

Good 😊 thank you for your support. ~~Dear Joe~~, how are you ?

How about the use of WDS-430 bga rework station ?



Hi  
I am good, you?

I'm satisfied

Great. Glad to heard about

## Frequently Asked Questions

### Delivery Time & Methods

Delivery times vary by shipping method: DHL/Fedex/UPS (3-7 days), Air freight (3-5 days), Sea freight (30 days).

### Packaging Safety

All machines are packed in standard strong wooden boxes with internal foam to ensure shipping safety.

### Warranty & Support

1-year warranty for spare parts with lifetime technical support from our professional after-sales team.

### Operation & Training

English user manual provided with language customization available. Demo operation videos and on-site training available.

### Payment Options

Bank transfer, Western Union, Moneygram, Paypal, Alibaba Pay, Aliexpress Pay, and Credit Card payments accepted.



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