WDS-700 BGA Infrared Soldering Station For Motherboard Chip Set Repair

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-700
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
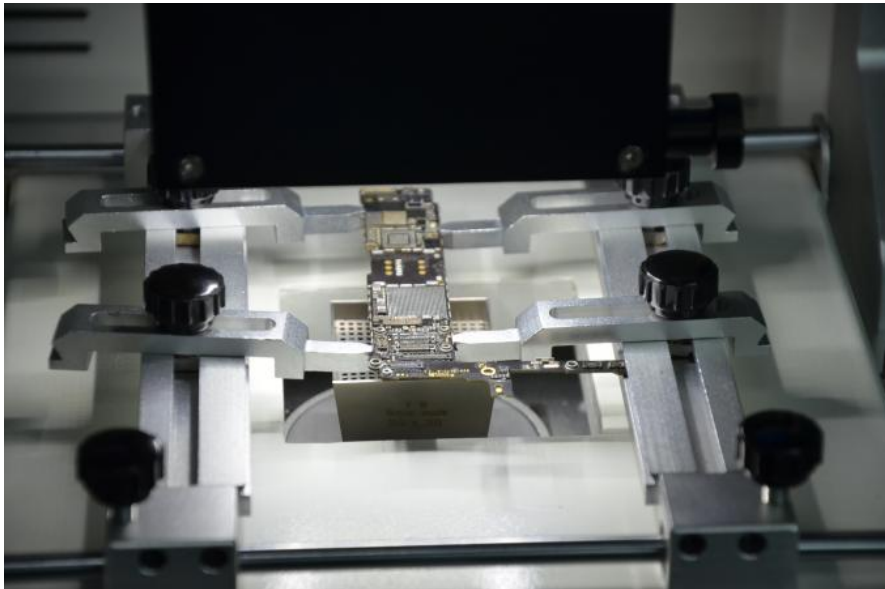- Supply Ability: 150 UNITS PER MONTH

Product Specification

- Power Supply: AC 220V±10% 50/60Hz
- Rated Capacity: 2600W
- Rated Duty Cycle: 100
- Voltage: 220V/110V
- PCB Size: Max 140*160mm Min 5*5 Mm
- Chip Size: Max50*50mm Min1*1mm
- Dimensions: L450*W470*H670mm
- Usage: Motherboard Rework Station
- Precision: ±1℃
- Certificate: ISO CE
- Highlight: **BGA Infrared Soldering Station**, **WDS-700 Infrared Soldering Station**, **Motherboard Chip Set BGA Rework**

WDS-700 Mobile BGA Rework Station

Higher automatic function

Newest WDS-700 is the updated system with 5 modes.It's Remove,Mount,Weld,Manual and Semi-auto.The mode can be changed freely.It can be used under automatic,semi-auto & manual mode.
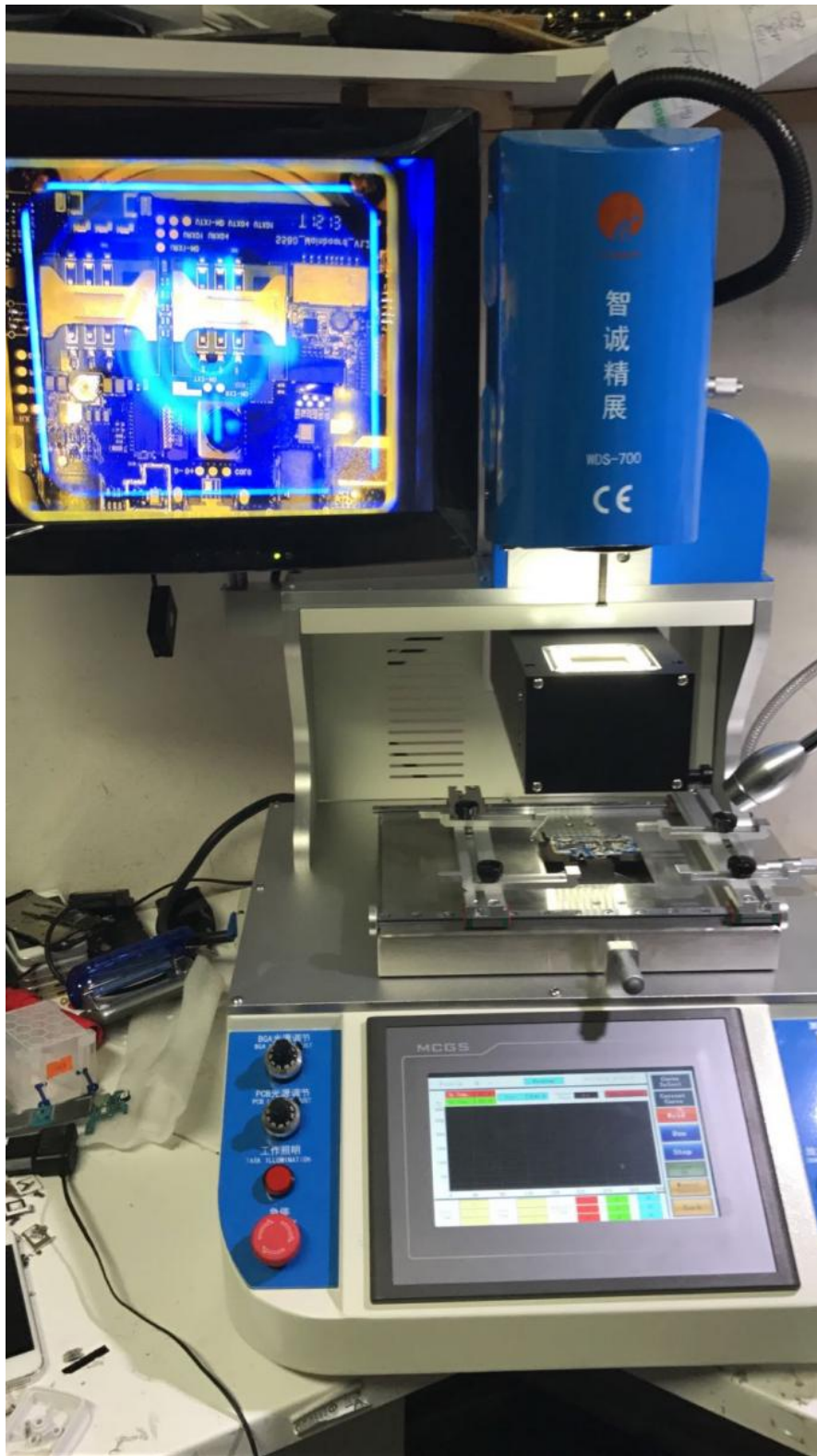

Independent 2 heating zones temperature control system

1.The upper and lower hot air heating,which can heat up at the same time from the top of he component to the bottom of the PCB;temperature precision control within ±1℃.8 segment temperature control independently.

2.Adopted high precision K-type thermocouple close-loop control and PID parameter self-setting system;4 temperature curves can be displayed with instant curve analysis function and multi-group user data can be saved;temperature can be tested precisely through external measurement interface,curves can be analysed,set and correct on the touch screen at any time.
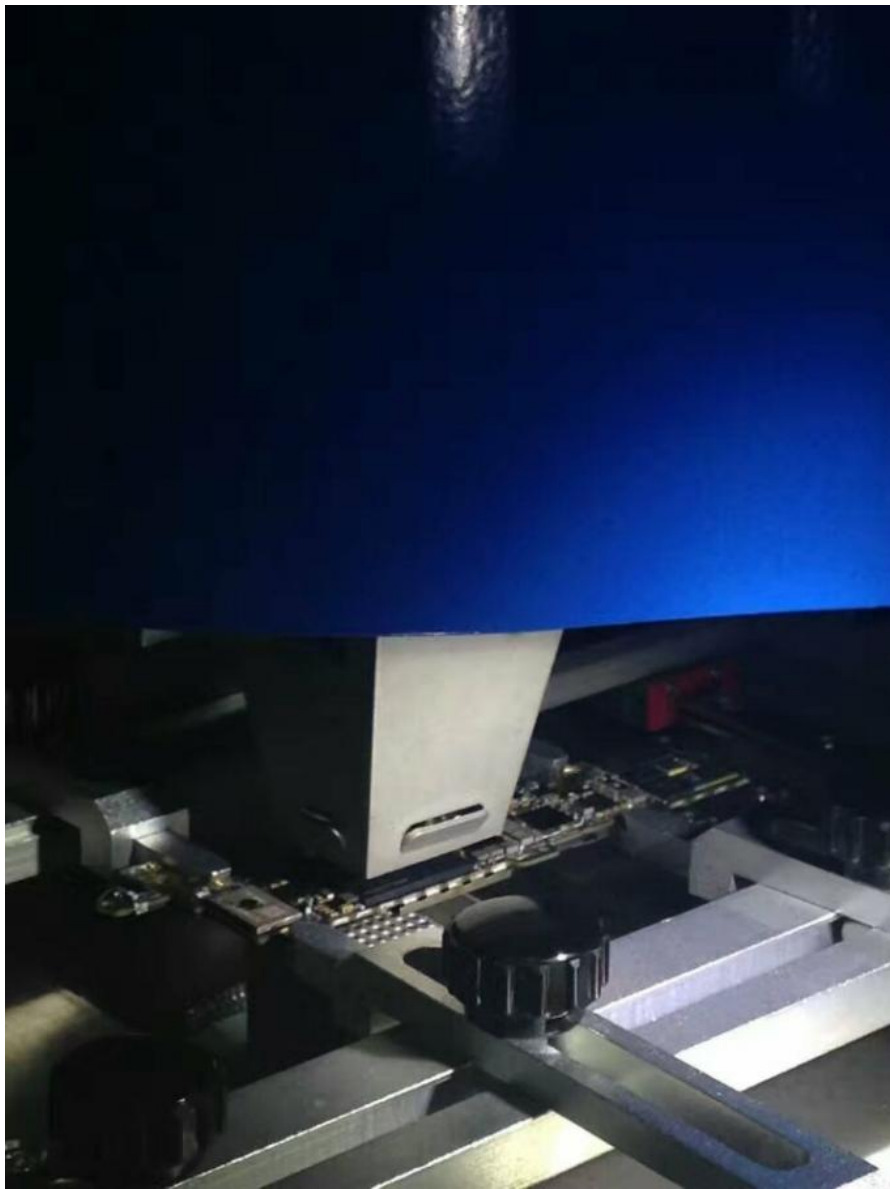

Precision optical alignment system

Using high definition and adjustable CCD color optical alignment system,beam split,amplification,lessening,fine adjustment and auto focus with the function that automatic color aberration resolution and brightness adjustment,adjustable image contrast;equipped with 15 " high definition LCD monitor.

Multi-functional and humanized operation system
1.Adopting the HD touch human-machine interface;upper heating head and mounting head designed 2 in 1;providing many kinds of titanium alloy BGA tuyere can be rotated in 360 degree for easy installation and replacement.
2.X,Y and R angle adopted micrometer fine-tuning,accuracy locating,precision can reach ±0.01mm.

Superior safety protection function
With the alarm function, after the BGA welding the machine can alarm by itself.In the case of temperature abuse, the circuit can power off automatically with the double over-temperature protection.Temperature parameter having password protection to prevent any modification.

Technology parameter

1	Power supply	AC 110V/220V±10 50/60Hz
2	Total power	Max 2400W
3	Heater power	Upper temp.zone 1200W,second temp.zone 1200W
4	Electrical material	Driving motor+PLC smart temp.controller+color touch screen
5	Temperature controlling	(high precision K-sensor)(Closed Loop),independent temp.controller,the precision can reach ±1℃
6	Locating way	V shape slot,PCB support jigs can adjust
7	PCB size	Max 140*160mm Min 5*5 mm
8	Application chips	Max 80*80mm,Min 1*1mm
9	Overall dimension	L450×W470×H670mm
10	Temperature Interface	1 pcs
11	Weight of machine	30KG
12	Color	White&blue

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