

WDS-580 BGA Rework station



WISDOMSHOW

Shenzhen Wisdomshow Technology Co., Ltd.

Product Details

Content

Product Description	3
Parameter	3
Product Image	4
Operation System	5
Strict Temperature Control System	6
Safety System	7
Packing List	8
Wisdomshow BGA Rework Product	9
Company Information	10

WDS-580 BGA Rework station

Product Description



Manual BGA Rework Station

Model:WDS-580

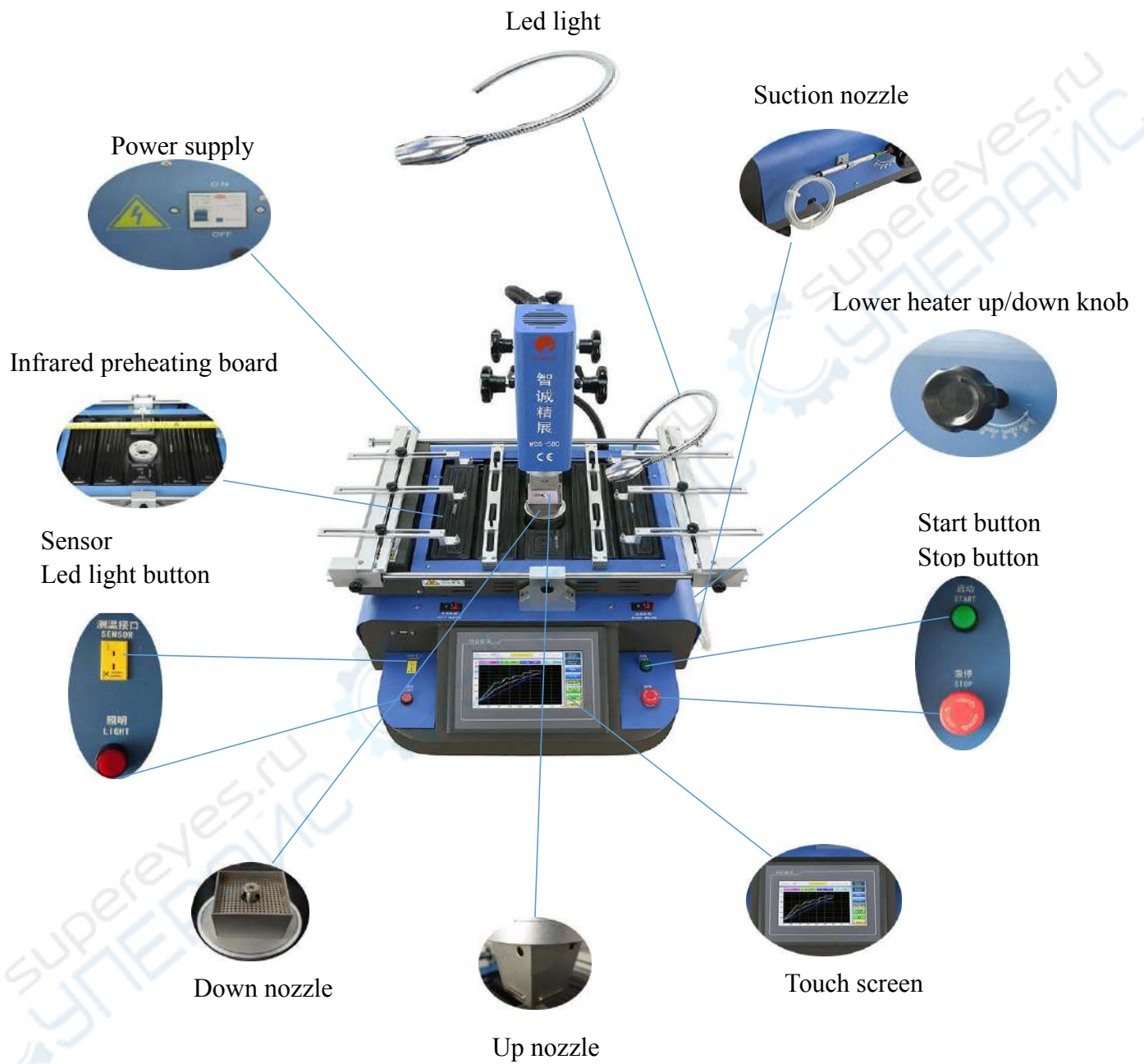
- ❖ Repair Success Rate:More Than 99%.
- ❖ Using The Industrial Touch Screen.
- ❖ Independent 3 Heating Zones, Hot Air Heating / Infrared Preheat. (temperature accuracy $\pm 3^{\circ}\text{C}$).
- ❖ With CE Certification.

Parameter

1	Power	AC 220V \pm 10% 50Hz
2	Overall dimension	L500mm*W590mm*H650mm
3	PCB size	Max 400mm*370mm Min 10mm*10mm
4	BGA size	Max 60mm*60mm Min 1mm*1mm
5	PCB thickness	0.3-5mm
6	Weight of machine	40KG
7	Warranty	1 year
8	Total power	4800W
9	Payment way	T/T、 Western Union
10	Usage	Repair chips / phone motherboard etc
11	Electrical material	Touch screen+Temperature control module+PLC control
12	Location way	V-shape card slot+Universal jigs

WDS-580 BGA Rework station

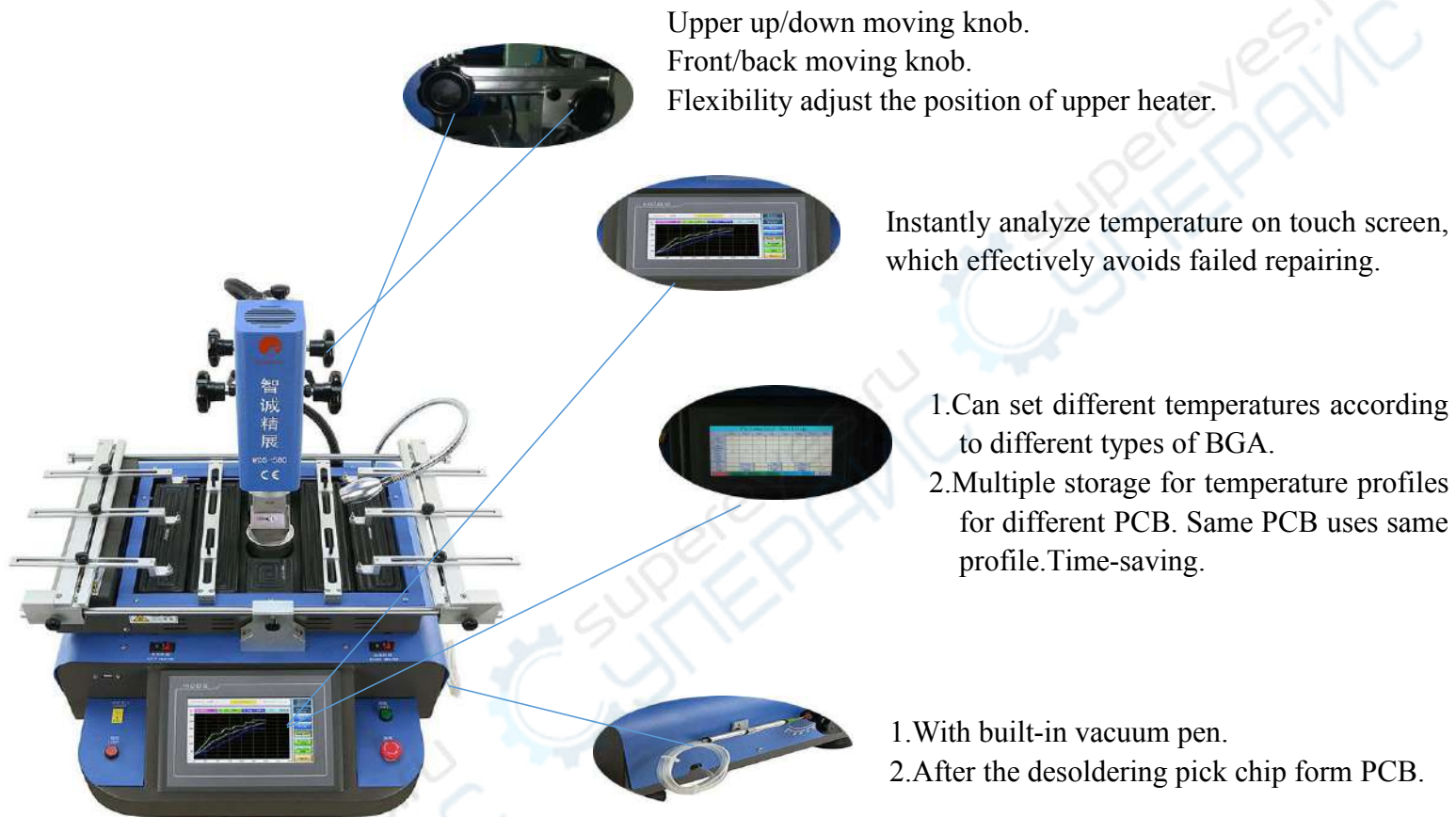
Product Image



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Operation System

- ❖ Manual mode.
- ❖ Can solder, desolder, mount, pick and replace chip.
- ❖ User-friendly.



WDS-580 BGA Rework station

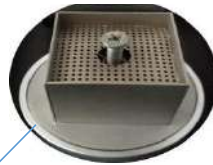
Strict Temperature Control System

- ❖ 8 segments rising temperature/constant time / temperature rising slope, it can save hundreds of groups temperature curve.
- ❖ It adopting high accuracy K-type thermocouple close-loop control.
- ❖ The external sensor can detect temperature precisely, analyze and calibrate the real temperature curve accurately at any time.



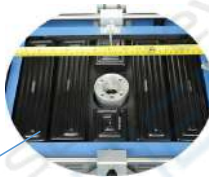
Top heater (hot air 800w)

- 1.Reflow vent design ensure focused and even heating effectively increase.
- 2.Top hot air flow is adjustable, to meet the demand of any chip.
- 3.Top heater can be equipped with different size of nozzles for different size of chips.



Bottom heater (hot air 1200w)

- 1.Height of bottom heater is adjustable.
- 2.Nozzles is different size available for different chips.



Preheating plate (infrared 2700w)

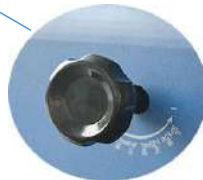
- 1.Infrared heating is more easily absorbed by PCB.
- 2.Infrared heating zone can adjust the output power according to the actual requirement.



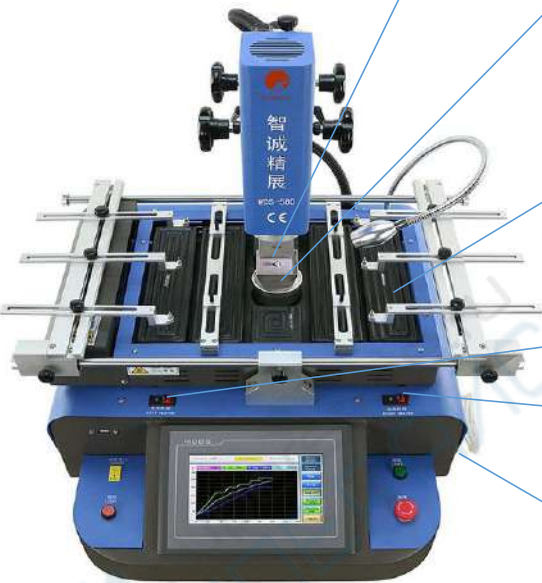
Left heater control button

Right heater control

They can precisely control the infrared heating zones



- 1.Distance between PCB and bottom nozzle can be adjusted with this rotary handle.
- 2.Suitable distance is 1-3mm.



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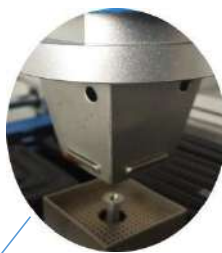
Safety System

- ❖ With CE certification.
- ❖ With automatic power-off protection device when abnormal accident happens and double over-temp protection function.



Powerful cross cooling fan

Produce cross cool air flow as soon as soldering/desoldering process finish, which effectively avoid deformation of PCB.

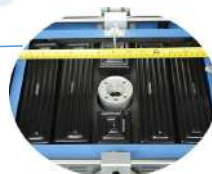


Cool air flow will be from top and bottom nozzles as soon as soldering/desoldering process finish, high temperature will drop to normal temperature soon.



Led light

Can help you clearly see the melting condition of solder ball and check if there is any dirty on PCB and chip.



Preheating plate

Ensure that the PCB is evenly heated.



Power switch

Ensure 100% safety of operator and machine.



Voice warning

10 seconds before soldering/desoldering process complete.

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Packing List



- ①: BGA Rework Station.....1
- ②: Wooden Box.....1
- ③: Pcb Fixing Knob.....6
- ④: Universal Jigs And Fixture.....6
- ⑤: Temperature Line.....1
- ⑥: Red Brush / Suction / sucker.....1/1/3
- ⑦: Up Nozzle / Down Nozzle.....4/1
- ⑧: T-type screw.....4

a:41*41mm b:38*38mm c:28*28mm d:18*18mm e:50*50mm

WDS-580 BGA Rework station

Wisdomshow BGA Rework Product

WDS-520

Power:3800W



WDS-580

Power:4800W



WDS-620

Power:5300W



WDS-650

Power:6400W



WDS-750

Power:6800W



WDS-880

Power:9600W



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Company Information

- ❖ WISDOMSHOW Technology is based in Shenzhen, China.
- ❖ We are the Manufacturer= own factory+ machine design+Sheet metal produced by ourself +spray the powder+ strong assemble the machine team + packaging+free training.
- ❖ More than 11 years experiences in PCB BGA chips rework station, Over 20 R&D engineers.
- ❖ Has been the biggest factory in the BGA rework field in China.
- ❖ HUAWEI,TCL,ZTE,MEIZU,KONKA,LENOVO,FOXCONN vendor.
- ❖ Over 100000 Global User.



部分合作客户

