



## High Precision BGA Rework Station WDS-620 LED Module Repair Machine with Laser Position HDD Camera

Our Product Introduction

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### Basic Information

- Brand Name: Wisdomshow
- Certification: ce
- Model Number: WDS-620
- Minimum Order Quantity: 1 unit
- Price: 3380USD
- Delivery Time: 5-8 work days
- Payment Terms: T/T, D/P, Western Union, L/C
- Supply Ability: 30days



### Product Specification



### More Images



## Product Description

High precision LED module repair machine WDS-620 with laser position HDD camera

### How about Wisdomshow manufacturer ?

1. **R&D Capacity:** 10 years of professional manufacturing experience.
2. **Quality Control Management :** All production lines have adequate quality control and QA/QC inspectors work independently from the production line, All products passed CE & ISO certification.
3. **After- Service :** Perfect After Sales service, foreign trading employees 24hours/7days .

### Product Describable

**WDS-620 bga rework station** is a machine use for repairing motherboard as Laptop/ desknote / computer CPU & GPU repair, Playstation console repair, Camera controller repair, Mobile IC repair, Router controller repair ,XBOX controller repair. Suits to weld BGA,SMD,CSP,LGA,QFP,PLCC and BGA reballing. With infrared heating can avoid the IC damage due to the fast or uninterrupted heating up.

### Repair steps:

- 1) Separate the BGA chip from mother board –we called desoldering.
- 2) Clean Pad.
- 3) Reballing or replace a new BGA chip directly.
- 4) Alignment/Positioning – Depend on experience ,silk frame ,optical camera.
- 5) replace a new BGA chip - we called Soldering.
- 6) BGA chips,QFP QFN chip,PC,PLCC PSP PSY rework.

### Product Application

**BGA rework station could be used in :**

Laptop / Notebook/ Computer motherboard repair.  
Playstation / XBOX 360 and other game console repair.  
Iphone 4/ 4s / 5 / 5s motherboard repair.  
TV / Video / ipad mainboard repair.  
SMD/ SMT / IC BGA rework

SPECIFICATIONS FOR WDS-620 led module repair machine

Original place	Brand Name	Wisdomshow chips reballing machine
	Moed Number	WDS-620 reballing ic iphone 6 motherboard
	Superior function	Soldering and desoldering bga chip
Parameter of WDS-620 Reballing ic iphone6 motherboard	Power	AC 220V±10% 50/60Hz
	Total Power	5300W
	Heater power	upper temp.zone 1200w, second temp.zone 1200w, IR teom.zone 2700w
	Temperature Controlling	K-type thermocouple close-loop control,independent temp.controller, the precision can reach ±1
	PCB size	Max:370*380mm Min:10*10mm
	Applicable chips	Max: 80*80mm Min 1x1mm

### Main Features

- 1.The upper and lower hot air heating,which can heat up at the same time from the top of the component to the bottom of the PCB;bottom IR heating,temperature precision control within ±1 .8 segment temperature control independently. [led module repair machine](#)
2. Hot air district heating for BGA and PCB at the same time,and large area IR heater preheating up for the bottom of PCB to avoid completely PCB deformation during reworking,the upper or lower temperature zones could be used alone and combine freely the energy of up and lower heating element.
3. Adopted high precision K-type thermocouple close-loop control and PID parameter self-setting system; bga welding machine
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.
5. 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.
- 6.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.
7. X,Y and R angle adopted micrometer fine-tuning,accuracy locating,precision can reach ±0.01mm.
8. 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.



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