



## WDS750 High Definition Camera and LCD Display BGA Reballing Machine for Precise Location

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-750
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 150 UNITS PER MONTH



#### Product Specification

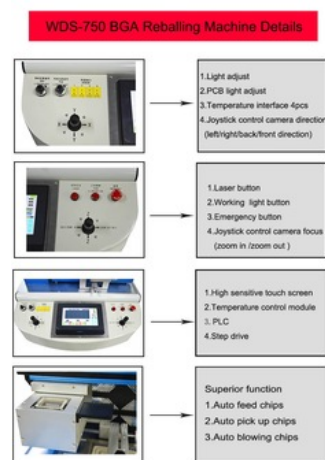
- Rated Capacity: 6800W
- Use: Repair BGA Chip
- Dimensions: L830\*W670\*H850mm
- Weight: 75KG
- PCB Size: Max 570\*480mm Min 10\*10 Mm
- BGA Chip: Max 80\*80mm, Min 1\*1mm
- Heating Power: Upper Hot Air:1200W, Lower Hot Air:1200W, IR Zone:4200W
- After-sales Service Provided: Free Spare Parts
- Certification: CE ISO
- Warranty: 1 Year
- Voltage: 220V/110V
- Highlight: **High Definition Camera Infrared Soldering Station**  
**, WDS750 Infrared Soldering Station,**  
**High Definition Camera Infrared Rework Station**

## Product Description

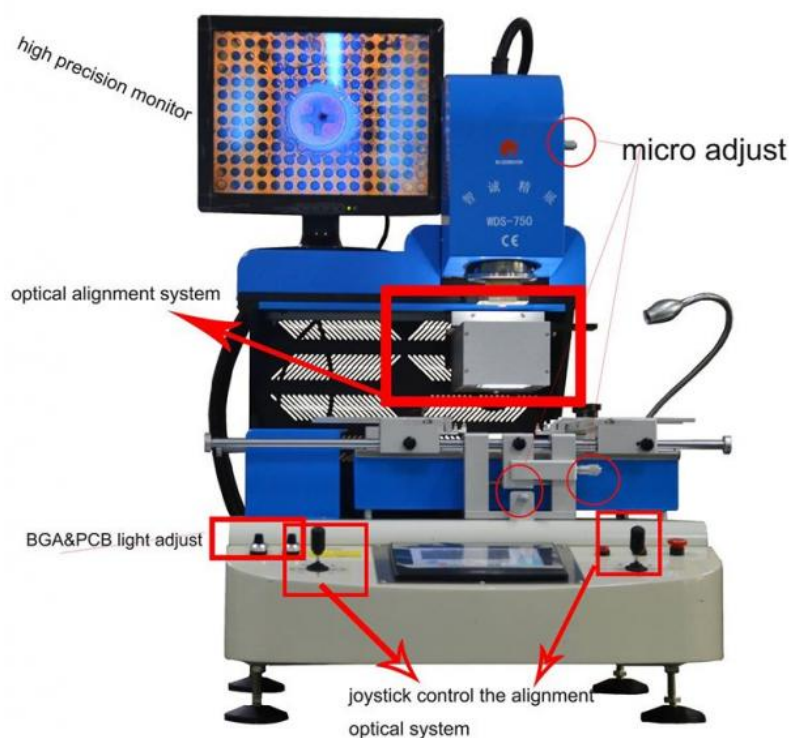
### WDS-750 Optical Alignment BGA Rework Station High temperature control system

#### Features:

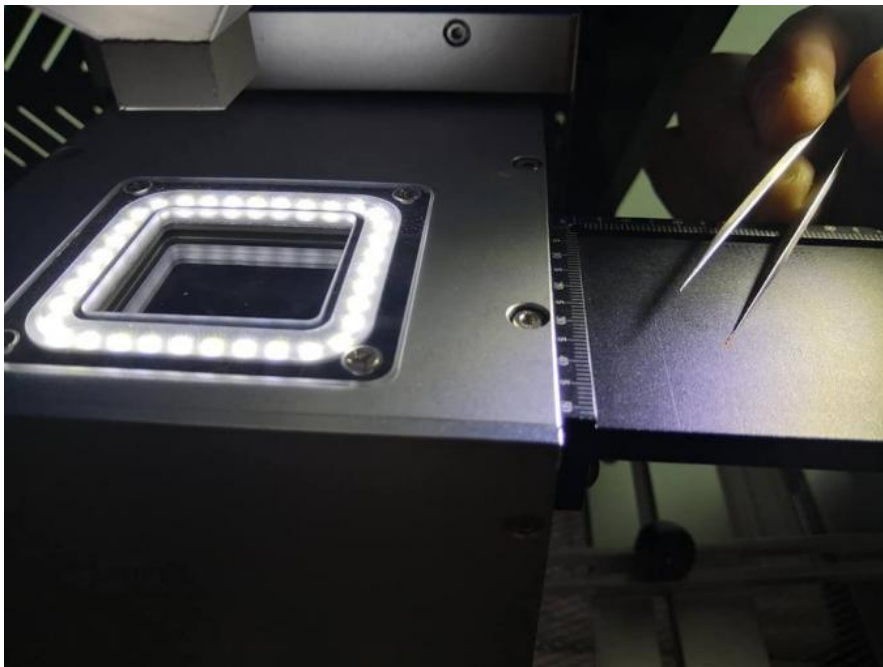
1.Touch screen interface,heating time,heating temp,temp rise speed,cooling time,alarm advance,vacuum time are set up inside the touch screen,easy to use;



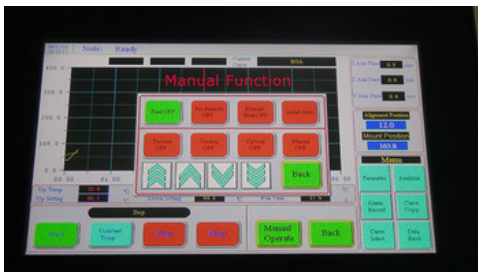
2.Panasonic PLC, independent control temperature control module,shows 3 temp curves all the time,4 independent sensors,check the temp accurately for the chip points,ensure the weld yield;



3.3 independent heating zones,each heating zone can set up the heating temp,heating time,temp rise rate;Six period of heating temperature, simulate the reflow heating mode,set up as Preheating, keeping, heating, welding, welding, cooling;



4.Auto feed chip,auto pick up chip,auto blowing chip,can identify the central position automatically when optical alignment;



5.Multifunction mode choice, four modes as weld,remove,mount,manual,automatic and semi-auto function,meet the various needs of the users;



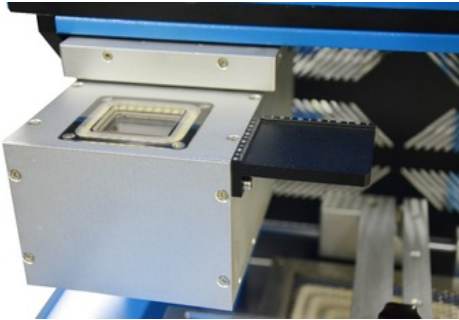
6.Uses the high precision K-type thermocouple closed-loop control which is imported from USA,with the unique heating method,ensure the weld temp precision control within  $\pm 1^{\circ}\text{C}$



7.Uses imported optical alignment system,500 pixel HD camera,HDMI HD signal output,15 inch HD LCD,high accurate micrometer X/Y/Z axis adjustment,ensure the location precision within 0.01-0.02mm;



8.The upper heating head and placement head are designed 2 in 1,different size of heating nozzles are provided,easy to remove and install,can be customized,meet the more requirement for users;



9.High automation and precision to avoid artificial error fully,can make the best repairing effect for the lead free technology,double-deck BGA,QFN,QFP,capacitance resistance and other components and parts;



10. Equipped the extra camera to observe the solder ball melting, to ensure the temp curve and weld effect (this function is optional).





#### WDS-750 parameter:

Total power	6800W
Upper heating power	1200W
Bottom heating power	1200W
Bottom IR heating power	4200W(2400W is controlled)
Power supply	(Single Phase) AC 220V±10 50Hz
Location way	Optical camera+ V-shape card slot + laser position for fast location
Temperature control	High precision K sensor closed loop control,independent temperature control with ±1 °C precision
Appliance selection	High sensitive touch screen + temperature control mode +Panasonic PLC +step driver
Max. PCB size	550×480mm
Min. PCB size	10×10mm
Sensor	4units
Chip amplification multiple	1-200X
PCB thickness	0.5-8mm
Chip size	0.2*0.4mm-9cm
Min. chip space	0.15mm
Max. mount loading	100G
Mount precision	±0.01mm
Overall size	L670×W770×H900mm
Optical camera	Can be removed front and back,left and right,prevent the dead angle
Machine weight	90kg



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