



Advanced Optical Alignment WDS750 BGA Reballing Machine with 3 Independent Heating Zones

Our Product Introduction

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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

- Model: WDS-750
- Total Power Supply: 7200W
- Upper Heating Power Supply: 1600W
- Lower Heating Power Supply: 1200W
- IR Heating Power Supply: 4200W(2400W Controlled)
- Highlight: **WDS-750 BGA Work Station, Temperature Control System BGA Work Station, Auto Laptop BGA Machine**



More Images



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	7200W
Upper heating power	1600W
Bottom heating power	1200W
Bottom IR heating power	4200W(2400W is controlled)
Power supply	(Single Phase) AC 220V \pm 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 $\pm 1^{\circ}\text{C}$ precision
Appliance selection	High sensitive touch screen + temperature control mode +Panasonic PLC +step driver
Max. PCB size	570 \times 480mm
Min. PCB size	10 \times 10mm
Sensor	4units
Chip amplification multiple	1-200X
PCB thickness	0.5-8mm
Chip size	0.8mm-8cm
Min. chip space	0.15mm
Max. mount loading	500G
Mount precision	\pm 0.01mm
Overall size	L670 \times W780 \times H850mm
Optical camera	Can be removed front and back,left and right,prevent the dead angle
Machine weight	75kg



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