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## **ZM-R5860—BGA Rework Station**



Touch screen control    Infrared preheating device    USB port    Top air flow adjust    Built-in plug

### **Features**

#### **● 3 independent control heaters**

- ① top and bottom heaters are hot-air heating, the third IR (preheating area 350x260mm) is infrared heating, temperature accuracy within  $\pm 3^{\circ}\text{C}$ , the top and bottom heaters can setting 6 segments rising temperature and 6 segments activity temperature, can save 50 groups temperature curves for different BGA chips.
- ② it can heat PCB board and Bga chips at the same time. And the third IR heater can preheat the PCB board from bottom, to avoid PCB from deformation during repair process. The top and

bottom heaters heat independently;

- ③ the power consumption of the third IR heater can be adjusted, make PCB board heating evenly, avoid the PCB from deformation.
- ④ The external sensor can detect temperature precisely, analyze and calibrate the real temperature curve accurately at any time.

### ●multi-functional hommization system

- ① Adopt Taiwan human-machine interface, High-precision K-type thermocouple with close-loop control, the temperature shown on the touch screen, top heater can be moved freely; bottom heater can be adjusted up and down.
- ② Adopted all kinds of BGA nozzles, with 360° rotation, easy for installation and replacement, customized is available;
- ③ There is BGA soldering support shelf to support PCB board;
- ④ Multi-functional PCB support shelf, can be moved along X axis, with rapid and easy PCB board positioning, suitable for all kind of PCB position;
- ⑤ powerful cross-flow fan cool the PCB board fast after desoldering and soldering, it can prevent the PCB board from deformation; with vacuum pump and external vacuum suction pen to pick up the chips conveniently.

### ●Superior safety functions

With CE certification; after desoldering and soldering, there is alarming. when temperature goes out of control; the circuit will automatically power off, it is of double over-temperature protection function. Temperature parameter has a password to avoid from arbitrary changes, with superior safe protection functions, can protect PCB board components and the machine from damage at any abnormal situation.

## Specifications and technical parameters

- power: AC220V±10%      50/60Hz
- Total Power: Max 4800 W
- Heater power: top heater 800 W      bottom heater 1200 W      IR heater 2700 W
- Electrical materials: Touch screen+High precision intelligent temperature control module
- Temperature control: K-type thermocouple (Closed Loop)
- Positioning:      V-groove, PCB support
- PCB size: Max 410×370 mm      Min 28×28 mm
- BGA chip: L630×W610×H690 mm
- Weight: 43 kg

