

# ZM-R6200

## BGA Rework Station



CCD Optical lens



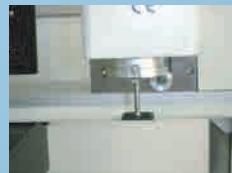
PCB Positioning



### BGA Rework station ZM-R6200

#### Technical Parameters:

1 Total power	5300W Max
2 Top heater power	1200W (1st heater)
3 Bottom heater power	1200W (2nd heater)
4 3rd IR heater	2700W (Independent controlling left and right IR heaters)
5 power	AC 220V±10% 50/60Hz
6 Electrical materials	Temp. control system Adopted Dalian University of Technology
7 Dimensions	640×630×900mm
8 Temperature control	K-type thermocouple (Closed Loop),
9 Positioning	V type groove, with universal fixture
9 PCB size	Max 410×370mm; Min65×65mm
10 Available BGA chip	Max 80×80mm Min 2×2 mm
11 External temp. sensor	1piece
12 Net weight	68kg



Mounting Point



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### ZM-R6200 BGA rework station main features:

#### ■ 3 Independent heating system

ZM-R6200 is available heating portion of the PCB board by hot-air circulate both from top and bottom at the same time. With large IR bottom heating, it can completely avoid PCB deformation during reworking period, you can use software to choose freely or use top heater or bottom heater departly, and combine freely with top and bottom heater's capacity,to make it easies for rework double BGA, CCGA, QFN, CSP, LGA, SMD etc. External sensor socket is precise detected temperature to analyze and proof on actual temperature curve of BGA at the same time.

#### ■ Precise optical alignment system

with optical alignment system and clear images, components can enlarge up to Maximum 230 times, mounting accuracy within +/-0.01mm, with a beam split, zoom in, zoom out and micro-adjust functions, adopted 12" HD monitor.

#### ■ Multi-function operation system

With touch screen interface, k-type thermocouple, close-loop control, and Intelligent temperature compensation with automatically system, integrated design of top heater and sucker point. it can auto identify a high degree of suction and mounting. with automatic soldering and desoldering functions. the temperature can be set to 6 segment and 6 segment constant temperature control, 50 groups of storage temperature setting parameters according to kinds of BGA chip set.

#### ■ Superior safety functions

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