



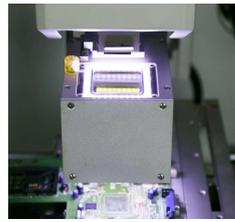
SHENZHEN ZHUOMAO TECHNOLOGY CO., LTD

LED / BGA Rework Station ZM-R720A





Touch screen control



Optical alignment system



Laser position



Chip angle adjustment device



USB port

Main technical and parameter

Total Power	Max 5800W
Power	AC 220V±10% 50/60 Hz
Top heater power	1200W
Bottom heater power	1200W
IR power	3200W
Hot air temp	400°C (Max)
Preheating temp	400°C (Max)
Positioning	V-groove +laser positioning+ universal fixture
PCB size	Max 415×370 mm Min 6×6 mm
Preheating size	370mm×270mm
Chip type	BGA, QGN, CSP, POP, QFN, Micro SMD, LED lamp beads
Chip size	Max 60×60mm Min 0.6×0.6 mm
Dimensions	L800×W640×H950 mm
Temperature sensor	1Pc
Net weight	83kG
Color	White

Features

1. Suitable for LED lamp beads repairing, size of micro LED components not less than 0.6*0.6mm can be repaired
2. Suitable for LED lamp beads of tape packaging and bulk materials, Also any BGA and components which are difficult to repair.
3. High resolution optical alignment system, accurate LED components positioning, ensure precise mounting.
4. Optical alignment is controlled electrically, can rotate automatically
5. Mounting head built-in pressure testing device, to protect the PCB
6. Built-in infrared laser positioning, fast positioning for PCB.
7. Adopt HIWIN precision guide rail for up and down movement system, ensure reliable and accurate running.
8. Adopt up and down alignment for top and bottom heater, heating for appointed local zone, prevents PCB to turn yellow.
9. Bottom heater up and down manually can adjust the heating height real time.
10. Adopt ceramics infrared radiator for IR heater, heating stably and uniformly with long serves life
11. Human-machine interface has multiple operation mode and permission, soldering, desoldering and mounting manually, easy operation.
12. High resolution touch screen, which is up to 800*600 pixels
13. Adopt joystick control for alignment system, no need setting complicated parameters
14. Adopt Delta double ball bearing flow fan for air supply, no need external air source
15. Adopt DCCE 6 channel module for temperature control system, automatic PID adjustment
16. Monitoring heaters real time, when accident happens, relevant sensors will send signal to PLC, which will close output channel and display fault condition. Protect it automatically