

DH-380 touch screen bga rework station.



Specification:

Total Power	4500W
Top heater	800W
Bottom heater	2nd 1200W, 3rd IR heater 2400W
Power	AC220V±10% 50Hz
Lighting	Taiwan led working light, any angle adjusted.
Operation mode	Drawer style HD touch screen, intelligent conversational interface, digital system setting
Storage	50000 groups
Top heater movement	Right/left, forward/backward, rotate freely.
Positioning	Intelligent positioning, PCB can be adjusted in X direction with "5 points support" + V-groove pcb bracket + universal fixtures.
Temperature control	K sensor, close loop

Temp accuracy	±2°C
PCB size	Max 390×380 mm Min 22×22 mm
BGA chip	2x2 - 80x80 mm
Minimum chip spacing	0.15mm
External temper sensor	1pc
Dimensions	L570×W550×H570 mm
Net weight	31KG

Features:

1. Drawer type design operation screen. It can be back to the machine when you don't use it, protect the screen from damage, and reduce occupied space.
2. Embedded industrial PC, HD touch screen conversational interface, digital system setting, human-machine interface operation, multi-functional integrated control, human structure design, optional numbers storage, apply temperature curve freely. With multi-functions: "keep same temperature", "instant curve analysis" and "voice warning before heating finish". Real-time actual temperature and temperature curve setting can also be used to analyze and correct the curve if necessary.
3. High precise k-type thermocouple closed-loop control and PID automatic temperature compensation system, with temperature module and intelligent control unit to enable precise temperature deviation on ±2°C. Meanwhile, external temperature measurement connector enables temperature diction and accurate analysis of real time temperature curve.
4. Intelligent positioning, PCBA can be adjusted in X, Y direction with "5 point support" + V-groove pcb bracket + universal fixtures, rapidly and accurately positioning for all kinds of pcb.
5. Movable and flexible universal fixture prevent pcb from damaged on fringe component, suitable for all kinds of pcb repairing.
6. With different size of magnet nozzles, easy replace and install, rotate freely 360°, any size can be custom if need. Titanium alloy material, never deformation, never rusty
7. Three heating zones can independently heat and they are multiple temperature control, which can ensure best integration of different temperature areas. Heating temperature, time, slope, cooling and vacuum can all be set in touch screen conversational interface. Meanwhile PID calculation to control heating process more accurate and more stable.
8. 6-8 segments in one temperature profile can be set for top heating and lower heating(up to 16 segments). 50,000 groups of temperature curves can be stored, which can number, modification and apply at any time according to different BGA. Curve analysis, setting and adjustment are also available on touch screen.

9. Powerful cross flow fan, fast cooling for PCB and machine. With vacuum sucker, to pick up bga chip conveniently after desoldering.
10. With Voice warning 5-10 seconds before heating finish: remind operator to pick up bga chip on time. After heating, cooling fan will work automatic, when temperature cool down to room temperature (<math><45^{\circ}\text{C}</math>), cooling system will stop automatic to prevent the heater from aging.
11. CE certification approval. Overheating guard

With Manual and video demonstration CD-ROM, The information is easy to understand.

Training included if needed.

