

R730A

Automatic Optical Alignment Rework Equipment

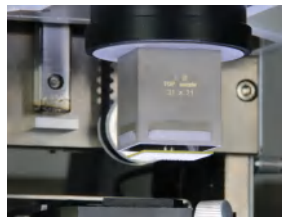
HD Optical Alignment and Intelligent Control

Equipped with automatic feeding device, using Panasonic PLC and high-precision temperature control module, high-precision K-type thermocouple, dynamic PID multi-loop closed-loop control selective reflow soldering process, the accuracy can reach $\pm 1^{\circ}\text{C}$. Over temperature protection alarm function, software encryption and foolproof function.



Stable Temperature Control

Three temperature zones independently control, heated by convection hot air, the height of the bottom temperature zone is adjustable, the top temperature zone has a built-in vacuum suction nozzle for chip adsorption, with negative pressure monitoring and pressure protection device.



Large HD Touch Screen

Large HD touch screen operation with a variety of operation modes, real-time display and edit temperature curve, each group of temperature curve can be set to 8 segments, can store 100 groups of temperature curve, can automatically analyze the curve, read through touch screen control.



Removable Infrared Temperature Zone

The IR preheating zone is heated by a carbon fiber infrared tube and protected by a high-temperature resistant microcrystalline panel. It can move left and right to facilitate maintenance of large and irregular PCBA.



Product Parameters

Model No.	R730A
Power Supply	AC380V $\pm 10\%$ 50/60Hz
Power	7.75KW (Max) Top heater (1.45 KW) Bottom heater (1.2 KW) IR Preheater(4.8 KW) Others (0.3KW)
PCB Size	632×520mm (Max) ; 6×6mm (Min)
BGA Chip Size	80×80mm(Max) ; 3×3mm(Min)
IR Temp. Zone Size	570×435mm
Temp. Sensor	5PCS
Operation Method	10HD large touch panel
Control System	Panasonic PLC + Temp. control module
Display System	15'HD Industrial Display Screen (1080P 16:9)
Alignment System	2m pixels HD digital imaging system, automatic optical zoom with laser red-dot indicator
Vacuum Adsorption	Automatic
Alignment Accuracy	$\pm 0.01\text{mm}$
Temp. Control	K-type thermocouple closed-loop control with accuracy up to $\pm 1^{\circ}\text{C}$
Feeding Device	Yes
Positioning	V-groove with universal fixture
Dimensions	L1000×W835×H960mm
Weight	130.5KG