



YIHUA®



CE FC N SAA RoHS ISO 9001-2008

Machine Parameters			
Rated Voltage	AC 220V±10% 50Hz		
Total Power	1450W		
300°C Constant Temperature Power(High-Speed PID Programmed to Energy Savings)	600W±10%		
Operating Environment	0~40°C Relative Humidity<80%		
Storage Temperature	-20~80°C Relative Humidity<80%		
Dimensions			
Weight	9.7kg		
Performance Parameter	Hot Air Gun	Soldering Iron	
Operating Voltage	AC 220V±10% 50Hz	AC 26V±10% 50Hz	
Output Power	650W	75W	
Temperature Range	100°C~480°C	200°C~480°C	
Air Supply Mode	Brushless-Motor Fan	---	
Airflow	120L/min	---	
Temperature Stability	±1°C (Static)	±1°C (Static)	
Display Mode	Red LED Digital Display	Red LED Digital Display	
Calibration Mode	PID Digitally Programmed Calibration	IPID Digitally Programmed Calibration	
PID Temperature Calibration Cycle	Rapid 20ms	High-Speed 100ms	
Heating Core	Ceramic Framed Heating Core	Imported High-Powered Heating Core	
Tip-to-Ground Impedance	---	<2Ω	
Tip-to-Ground Voltage	---	<2mV	
Infrared Light		Preheat Station	
Operating Voltage	AC 220V ±10% 50Hz	Operating Voltage	AC 220V ±10% 50Hz
Max. Power	150W	Output Power	600W
Effective Irradiated Area	30*30mm	Heated Region Area	130X130mm
Display Mode	Red/Green LED Digital Display	Display Mode	Red/Green LED Digital Display
Safety Temperature Sensor	K-type Thermocouple	Temperature Sensor	K-type Thermocouple
Temperature Control Range	50°C--350°C	Temperature Control Range	50°C--200°C

1.The machine leverages the Company's innovative design based on current market demand, designed with the latest chip technology for a simple BGA desoldering station that integrates far-infrared lights, a preheat station, and a soldering station.

2.The YH-1000B model also combines four hot air gun features in one machine!This model can be used for desoldering parts with poor reception of infrared light. Meanwhile,

This machine only takes up a small amount of work surface space. This practical, energy-efficient, powerful machine can meet all routine or professional application needs!

3. With the pioneering, industry-first user-friendly design, the infrared desoldering uses the latest security probe for real-time tracking of desoldering IC surface temperatures to prevent heat damage to desoldered parts for safe applications regardless of user skill.

4. The hot air gun employs microchip-PID programming for high-speed 100ms real-time tracking of air gun outlet temperatures and soldering iron tip temperatures, with real-time calibration! Temperatures are extremely stable.

5. Soldering iron handle wire employs a high-temperature silicone wire (undamaged when 300° soldering tip contacts silicone wire for 30 seconds); the heating element employs an imported high-power heating element for fast temperature compensation, particularly suitable for desoldering crude terminals, large joints, and difficult to reach spots, not to mention general solder joint desoldering.

6. The machine features -50°C to +50°C temperature compensation. The infrared light features 5-80 power adjustment.

7. Celsius/Fahrenheit Display Temperature Function: To satisfy market demand in different regions, the Company has designed a temperature display mode.