

## YIHUA862BD+

### Product features:

- 1.Celsius/Fahrenheit Display Temperature Function: To satisfy market demand in different regions, the Company has designed a temperature display mode.
- 2.The air gun/soldering iron features -50°C to +50°C temperature compensation
- 3.The air gun features manual/automatic work mode conversion
- 4.The soldering iron features a sleep function that can be set from 0-99 minutes
- 5.Greater air volume adjustment convenience with an hot air gun adjustment range of 20-80.
- 6.Temperature controls utilize core technology, adopting microprocessor-PID programming for high-speed 100ms real-time tracking of air gun outlet temperatures and soldering iron tip temperatures, with real-time calibration! Outlet temperatures are extremely stable.
7. 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.
- 8.The air gun handle wire similarly employs a high-temperature silicone wire, a silent brushless motor fan, stainless steel tubing, and a cutting-edge ceramic framed heating core for extremely stable and reliable performance!
- 9..Machine components are equipped with self-detection functionality for complete, intelligent overheating, short-circuit, open-circuit, overload, and fault indication and protection
- 10.The back of the machine features a main power supply switch. For added energy savings and greater safety, turn off the main power supply switch when the machine will not be used for a long period of time.
- 11.The unique ABS fan anti-lock function allows for maximum safety. When the fan unexpectedly ceases function and work stability can no longer be controlled, the system will immediately cut off the air gun power supply to ensure safety of the user and the environment.

### Machine parameter

Machine parameter		
Rated voltage	AC 220V±10% 50Hz	
Total Power	730W±10% (max)	
300°C Constant Temperature Power (High-Speed PID Programmed to Energy Savings)	250W±10%	
Operating Environment	0~40°C Relative humidity<80%	
Storage temperature	-20~80°C Relative humidity<80%	
Dimensions	31.5*22*22cm	
weight	3.5KG	
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(max)	---
Temperature stability	±2°C (static)	±2°C (static)
Display Mode	Red LED Digital Display	Red LED Digital Display
Calibration Mode	PID Digitally Programmed Calibration	PID Digitally Programmed Calibration
Temperature correction	PID digital program proofreading	PID digital program proofreading

**Standard configuration:**

machine 1 set            specifications: 1pc  
Air gun handle: 1pc    nozzle: 4pcs (5mm 8mm 10mm 13mm)  
IC puller: 1pc    handle frame: 1pc  
Iron handle (including a heater and tips) 1pc

**Application Scope**

- 1) Electronic product assembly for industrial production
- 2) Product development for scientific research departments
- 3) Repair industry for electronic product inspection and maintenance
- 4) Soldering operations for electricians in various enterprises and institutions
- 5) Electronic assembly for electronic technology enthusiasts
- 6) Student skills training for a variety of electrical college