



#### Product Details

- 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.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.Soldering iron handle wire employs a high-temperature silicone wire (undamaged when 300°C 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.

5.The machine features -

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

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

## 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%

Weight 9.27kg

Performance Parameter Soldering Iron

Operating Voltage AC 26V±10% 50Hz

Output Power 75W

Temperature Range 200°C~480°C

Temperature Stability ±1°C (Static)

Display Mode Red LED Digital Display

Calibration Mode IPID Digitally Programmed Calibration

PID Temperature Calibration Cycle High-Speed 100ms

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