

# 853AAA+

## 3 in 1 Program-Controlled Rework Station



1. Adopts PID programmable temperature control technology with an implantable highest-precision PID program for high-speed tracking and detection of actual soldering iron temperatures with real-time temperature correction. Miraculous temperature compensation speeds allow for minimal temperature error for temperature stability and compensation speeds.
2. Featuring hot air gun rework station.,preheating station and high power soldering station functions.
3. The hot air gun and preheating station soldering equipment have programmable functions. For the preheating station, operating time and operating temperature can be set as parameters, while for the hot air gun, operating time, operating temperature, and operating air flow can be set as parameters.
4. Featuring Celsius / Fahrenheit display conversion function, designed to meet the market needs of different regions, the temperature display function can be set to display either Celsius or Fahrenheit, depending on local practices.
5. Features  $\pm 80^{\circ}\text{C}$  temperature compensation function. Temperature and display errors caused by environmental effects or replacement of parts including heating core and soldering iron tips can be corrected by using this function.
6. There are three sections of storage function, it can store different parameters, easy to choose and easy to operate.
7. The product has an operating time function, enabling users to check the product's operating time.
8. The soldering iron has a ten-minute fixed sleep function. If the soldering iron is not in use and has been in a stationary state for ten minutes, the temperature of the soldering iron will be automatically cooled to  $200^{\circ}\text{C}$  and the soldering iron shall enter sleep mode, preventing the oxidization of the soldering iron tip, both extending the lifespan of the soldering iron tip and saving energy.
9. The air gun has no wind protection function, If use a heat gun is not normal in the process of stop the wind, the heating wire to stop heating, and the prevention of the no wind burning handle, so as to greatly improve the safety performance of the product.

### Product Features

Power	1270W
Voltage range	AC 220V~240V,50Hz / AC 100V~125V,60Hz
Outline dimensions	L320xW220xH270mm $\pm 5\text{mm}$
Weight	5.6kg
Working environment	$0\sim 40^{\circ}\text{C}/32\sim 104^{\circ}\text{F}$
Storage environment	$-20\sim 80^{\circ}\text{C}/-4\sim 176^{\circ}\text{F}$
Storage humidity	35%~45%

<b>Preheating station</b>	
Temperature range	50°C~400°C/122~752°F
Temperature stability	±2°C (static state)
Display form	LED
Area of Preheat Plate	120x120MM
<b>Air gun part</b>	
Airflow type	Brushless fan with soft wind
Fan air flow	≤120L/min
Temperature range	100°C-480°C/212°F-896°F
Display mode	LED
Temperature stability	±1°C (static state)
handle length	≥100CM
<b>Soldering iron part</b>	
Temperature range	200°C-480°C/392°F-896°F
Display mode	LED
Temperature stability	±1°C (static state)
Soldering iron tip over the ground resistance	<2ohm
Soldering iron tip over the ground voltage	<2mV
Handle length	≥100CM