YIHUA 853D 1A 4 LED with USB new type 3in1 rework station with ℃/℉ function

Features:

1.Based on the Company's revolutionary, innovative design and meeting existing demands of the communication market, this all-in-one machine uses the latest chip technology and integrates a DC power supply, hot air gun, and soldering station!
2.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.
3. With PID high-speed 100ms rapid temperature calibration, conversions are energy-efficient, providing constant temperature power consumption at levels much lower than comparable machines, equating to greater energy savings!
4. The air gun handle wire employs a high-temperature silicone wire (undamaged when 300^{o} soldering tip contacts silicone wire for 30 seconds), stainless steel tubing, and a cutting-edge ceramic framed heating core for extremely stable and reliable performance!
5. Celsius/Fahrenheit Display Temperature Function: To satisfy market demand in different regions, the Company has designed a temperature display mode.
6. The soldering iron features a sleep function that can be set 10 minutes.

7.This new type add to 5V output USB interface ,it more convenience repair m obile phone,also can use power supply for mobile.
8.All parts is LED digital display ,and the current is 4 digital precise display cur rent value,the current
value can precise display mA value.it is very directly perceived through the se nses.
9.The soldering iron has an iron tip cleaner and internal rosin. The rosin aids in the soldering of circuit boards by removing oxide films on the iron tip, reproduces oxidation, reduces iron tip surface tension, and rapidly removes oxides.
10. Pioneering with handle safety protection, an industry-first, a docked handle in the handle holder is required each time prior to machine operation. If not (placed) in the handle holder, the operator will not be able to detect compliance with safety instructions and the machine will not work. The purpose of such a function is to prevent handle misplacement or accidental placement in unsafe or flammable (work) locations that could lead to undesirable consequences.

Parameters

parameters		
Rated voltage	AC 220V±10% 50Hz	
Total power	≤765W	
Operating Environment	0～40℃ relative humidity＜80%	
Storage environment	－20～80℃ relative humidity＜80%	
Dimension	255*188*125mm	
Weight	4.2KG	
Performance Parameter	Hot air rework	Soldering iron
Operating Voltage	AC 220V±10% 50Hz	AC 26V±10% 50Hz
Output power	720W	50W
Temperature range	100℃～480℃	200℃～480℃
Air Supply Mode	Brushless-Motor Fan	---
Air Flow	120L/min(MAX)	---
Temperature Stability	±2℃ （Static）	±2℃ （Static）
Display Mode	red LED display	red LED display
Heating Core	Ceramic Framed Heating Core	Common Heating Core
Standard nozzles/tips	(10mm,8mm,5mm,13mm) 4 PCS nozzles	I
Tip-to-Ground Impedance	---	＜2Ω

Tip-to-Ground Voltage	---	＜2mV
DC power supply		
Output voltage	0~15V	
Output current	0-1A	
Output power	15W	
Protection Mode	Short-circuit over-current	
Voltage display Mode	red LED display	
Current display Mode	red LED display	
Load stability	<0.01±2mv	
Ripple and Noise	<1mvrms(virtual value)	

What's in the box :

* main unit + gun + power cord
* guide
* soldering iron
* soldering iron holder +gun frame+testleadest cable
* 4 nozzles

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 colleges
7. Suitable for a variety of component desoldering and soldering, such as: SOIC, CHIP, QFP, PLCC, BGA, SMD, etc.
8. Suitable for heat shrinking, drying, painting, adhesive removal, thawing, preheating, plastic welding, etc.
9. DC power supply suitable for scientific research, product development, laboratories, laptop maintenance, etc.