

YIHUA®



CE FC I N SAA RoHS ISO 9001-2008

YIHUA 938BD+ SMD Hot Tweezer soldering station

Features

- 1.The machine has been upgraded with a new backlit panel using the newest LCD technology, offering a beautiful and elegant look, and accurately displaying the temperature of the tweezers and soldering iron as well as other functions.
- 2.Adopt microcomputer control,warming-up quickly.
- 3.High-quality resistance good for long service life.
- 4.This product is ESD-protected.
- 5.soldering iron handle using silicone material.
- 6.The machine uses brushed aluminum panels, which as well as looking attractive, are also compact and space-saving.
- 7.Uses PID programmable temperature control technology, applying sophisticated PID programming into the machine to rapidly track, test, and correct the actual temperatures of the tweezers and soldering iron. Rapid temperature compensation reduces temperature error. Temperature stability and temperature compensation speed are significantly better than similar products.
- 8.Internal design uses SMT double-sided panels, producing a neat arrangement; signal flow is clear, and the stability and operational safety of the machine has been further strengthened. The machine can be used in a number of harsh environments.
- 9.Longer soldering iron handle line,it has 1.5 meter.

10. The handle for the soldering tweezers has a unique design, and is paired with a unique soldering iron stand. The soldering tweezer station is ideal for use soldering small plates and small IC. Due to its parallel design, the soldering tweezer station can be heated and used for soldering at the same time.

11. Unique handle model and soldering iron holder humanity design.

12. 938BD+ Series provides parallel heating tweezers and soldering irons in a combination design, making it very convenient for use in applications such as for small electronic components, chips, and SMD component desoldering and soldering. When desoldering is necessary, the parallel tweezers can be placed directly on the two solder points of the resistor components for heating. Components can be easily desoldered without affecting nearby components. Also the soldering iron can quickly resolder components that have been desoldered. Extremely quick and easy to use, providing the best combination for installation and desoldering.

Main function

1. Three preset storage functions: Users can set the temperature for each preset as needed. When performing soldering operations, users can quickly retrieve a suitable CH1/CH2/CH3 preset value.

2. Sleep function, Auto power off function, Celsius / Fahrenheit function

a) Sleep Function: The soldering iron automatically detects when it is unattended and not in use, pauses for a set duration

prior to sleep mode, and automatically cools to 200 °C. It will then enter sleep mode to prevent soldering iron oxidation and effectively extend soldering iron head service life while retaining energy savings and environmental protection. The sleep time ranges from: 0~99 minutes, in 1 minute intervals. Users can set

the time according to personal usage patterns. If the sleep function is not necessary for the soldering iron, the sleep time should be set to 0.

b) Auto power off function: After the soldering iron enters hibernation mode, the program will start a time counter, automatically shutting off the machine if it is not woken up with a set time, thus saving energy.

Automatic shutdown times can be set to be 0-99 minutes in increments of one minute.

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

3. Temperature correction function: Adapted to the environmental impact or replacement heater, iron top parts caused by iron temperature and display temperature deviation can be corrected by this function, the

calibration temperature range: -50°C~ + 50 °C .

Technical data

Power consumption:	135W
TEMP.range:	100°C~480°C/212°F~896°F
Display type:	LCD
Temp.stability:	±2°C (static)
Heater voltage:	AC 24V ±10% 50Hz
Tip of ground resistance:	<2ohm
Tip of ground voltage:	<2mV
Working temperature:	0~40°C/32°F~104°F
Storage temperature:	-20°C~80°C/-4°F~176°F
Outer carton :	6PCS/CTN
Outer carton size:	45.5*28*51.5cm