

YIHUA-937BD+/939BD+ Constant Temperature Soldering Station

Features

1. YIHUA-937BD+/939BD+ constant temperature soldering station makes full use of SAMSUNG SCM. The PID procedure helps realizing the real-time tracking, correction of soldering iron temperature. And the PID temperature correction cycle is 100ms.
 2. With amazing temperature compensation speed, it comes with stable temperature with minimum temperature error. Therefore, this soldering station adapts to all sorts of hostile environment.
 3. Equipped with the high-power Hakko heater, it is suitable for all the desoldering applications, especially those large, complicated solder joints. This anti-static soldering station will cause no damage to the delicate components.
 4. The product is manufactured with new solid mold. In this regard, it withstands pressure and has impact resistance. It is more durable and pretty with the blue ferroalloy holder.
- In addition to the design of energy saving and environmental protection, YIHUA-939BD+ constant temperature soldering station is added with the follower functions.

1. Sleep Function

The soldering iron of YIHUA-939BD+ constant temperature soldering station automatically detects its own working status. When not in use, it will be in a quiescent state. When arriving to the set sleep time, the iron will be lowered to 200 ° C in temperature, so as to enter into the sleep state. This function can avoid the oxidation of iron head, thereby prolonging the iron tip service life. Also, it is beneficial for energy conservation and environmental protection. The sleep time range is from 0 to 99 minutes. You can set the sleep time according to the use conditions. If you do not need the sleep function, you can set the sleep time to zero.

2. Automatic Shutdown Function

After the soldering iron enter into the sleep state, the program starts timing. If the soldering iron is still in the sleep state within the set shutdown time, the equipment will be automatic power off, thus to save energy. The automatic shutdown time range is from 0 to 99 minutes.

3. Celsius / Fahrenheit Temperature Display Function

This temperature display mode is designed to meet the requirements of different regions.

939D+ has all above features of 939BD+, in addition below 2 functions:

1. Three storage sections: CH1/CH2/CH3, each storage segment can store all the features of the current machine (eg: temperature, all function values on display can be stored), you can quickly switch between each storage segment.
2. -50 °C to +50 °C temperature compensation function.

Standard Configuration

Machine Unit: 1 set
Air Gun Handle (including a heater and tips): 1pc
Iron Alloy Holder: 1pc
High Temperature Resistant Sponge: 1pc
Manual: 1pc
Power Plug: 1pc

Parameters

Rated Voltage	AC 220V±10% 50Hz
Output Power	75W
The Thermostat Power (rapid PID program-controlled energy saving)	200W±10%
Withstand Voltage and Insulation Tests	AC1500V 0.4A 60S

Working Environment	0 ~ 40°C relative humidity <
Storage Environment	-20 ~ 80°C relative humidity
Body Size	14.5*12*8CM
Weight	2.17KG
Work Voltage	AC 26V±10% 50Hz
Temperature Range	200°C ~ 450°C
Temperature Stability	±1°C (Static)
Display Type	Red/green LED display
Temperature Correction Type	Digital PID correction
PID Temperature Correction Cycle	100MS
Heating Elements	Imported high-power heater
Tip to Ground Impedance	< 2Ω
Tip of Ground Voltage	< 2mV

Applications

With high power and fast temperature compensation, it is particularly suitable for de-soldering large, complicated solder joints. Needless to say, YIHUA-939BD+ constant temperature soldering station can satisfy the general purpose soldering.