



# MECHANIC

SHOW THE STYLE OF MASTER

智能控溫防靜電焊臺

INTELLIGENT TEMPERATURE  
CONTROL ANTI-STATIC  
SOLDERING STATION

使用說明書 INSTRUCTION MANUAL

T12 Pro



維修佬® 大师

聲明：本公司保留改進升級產品的權利，產品規格及設計如有變更，恕不另行告知。  
Statement: The company reserves the right to improve and upgrade products, product specifications and design are subject to change without notice.

### III. Specification

Product model	T12 Pro
power	75W
Input voltage	AC 100-240V 50/60Hz
Temperature range	100°C-480°C
Display type	LED
Temperature stability	±2°C (Static)
Heating element voltage	DC.24V±10%
Tip of ground resistance	<2Ω
Tip of ground voltage	<2mV
Working temperature	0~40°C
Storage temperature	-20°C ~ 80°C
Storage humidity	35% ~ 45%

### IV. Performance Table

Performance	Model
Display type	T12 Pro
Soldering iron dormancy	LED
Automatic shutdown function	YES
Celsius/fahrenheit conversion	NO
The temperature calibration	NO
Three sections of storage	NO

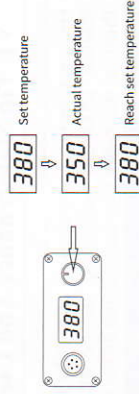
### V. Operating instructions and feature set

1. Connect the soldering iron and the console
2. Connect the power supply.
3. Turn on the switch, then the digital tube displays the set temperature, and the soldering iron starts to heat up. The actual temperature value is displayed after 3 seconds.

### Usage and setting instructions of T12 Pro soldering station

#### 1. Temperature setting

Under normal conditions, the rotary encoder can quickly adjust the temperature. The screen will display the current set temperature during adjustment. Turn the encoder clockwise to increase by 5°C, and rotate the encoder counterclockwise to decrease by 5°C. It will be displayed after stopping the adjustment for 3 seconds. The actual temperature value. The adjustable temperature range is 100~480°C.



#### 2. Temperature correction

Under normal circumstances, long press the encoder for 2 seconds to open the setting menu, (as shown in Figure 1-1) the screen displays "001" as the temperature correction mode, and press the encoder again to enter the temperature correction mode setting state (as shown in Figure 1-2). The correction value can be directly adjusted by rotating the encoder left and right. The temperature correction range is -50°C~50°C.



#### 3. Automatic sleep function

Under normal circumstances, long press the encoder for 2 seconds to open the setting menu, (as shown in Figure 1-1) when the screen displays "001" temperature correction mode, directly rotate the encoder to switch to display "002" automatic sleep function setting mode (such as Figure 1-3), and then press the encoder again to enter the automatic sleep function setting state. Rotate the encoder to turn on and off the automatic sleep function. (Figure 1-4) OFF means off, (Figure 1-5) 01 means on. 01 means the default dormant time, the range of dormant time is 01-30 minutes.



Note: When the machine is not operating and the handle is placed on the soldering iron base, after 1 minutes, the machine will automatically enter the dormant state, the heating core will not heat, and the screen will display "---" (as shown in the figure below). Pick up the handle again to resume normal operation.



