

## SOLDERING STATION (60 WATT)

Please read this manual before operating the equipment. Keep manual in accessible place for future reference.

### ■ Specifications

Input Voltage	220V AC $\pm 10\%$ 50Hz
Power Consumption	60W (Max.)
Temperature Controlling Range	150°C to 450°C (302°F to 842°F)
Output Voltage	28V AC
Temperature Stability	$\pm 1^\circ\text{C}$ (Static)
Display	LED
Max. Surrounding Temperature	40°C
Calibrating Method	Digital Calibration
Temperature Range for Calibration	50°C to -50°C (122°F to -58°F)
Ground Impedance	$< 2\Omega$
Ground Voltage	$< 2\text{mV}$
Heating Element	2 Cores

\*Specifications are subject to change without prior notice.

### ■ What's Included

Device : 1 Pc  
Soldering Iron : 1 Set  
Iron Stand : 1 Pc  
Power Cord : 1 Pc  
Clean Sponge : 1 Pc

### ■ Clean Sponge



### ■ Heating Element



### ■ Control Panel Guide



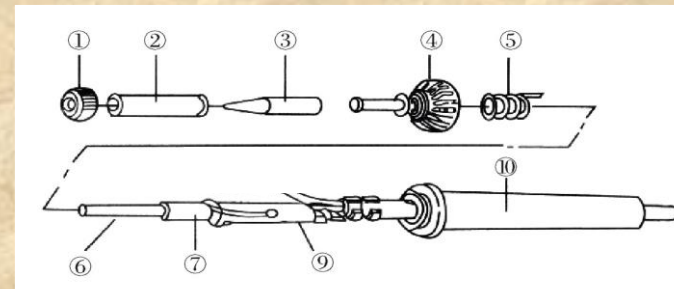
### ■ Features

- New appearance design for clear and convenient reading PID power control digital Soldering Station with constant temperature set by MCU computer for more precision temperature control.
- High temperature-bearing materials with long life.
- Display the temperature Celsius flexibly, convenient for the type of operators.
- Computerized temperature calibration can correct the difference between the actual and display temperature quickly
- Heating element malfunction alert

### ■ Replacing the heating element

**Note:** Diagram (1) is soldering station **ESTOVIR-SS901D**, heating element resistance about  $8\Omega$  to  $10\Omega$

1. Power off the unit and unplug the device. Wait for the heating element to cool down.
2. Loosen the nut(1)
3. Remove the tip retainer or Barrel (2) and soldering tip (3)
4. Unscrew heating contact (4), remove grouping spring(5)
5. Remove the full heat wire group (6)
6. Please reference to diagram Section (7)
7. Replace the old one the good condition heating element(9)
8. Reverse the process to secure the heating element in the handle(10).



### ■ Adjusting Temperature

Under normal working condition, pressing and holding button “▲” or “▼”, you can either increase or decrease the temperature quickly. Keeping the knob in pressed will adjust the temperature setting quickly; short pressing knob, you can adjust temp step by step. The display screen shows the temperature value simultaneously. Release knob for 3s to store. (Diagram 2)



### ■ Care and Maintenance

Keep the soldering station dry; If it gets wet, dry it immediately  
Use the soldering station only in normal temperature environments. Keep the soldering station away from dust and dirt

### ■ Changing Soldering Tip

Always turn the power OFF when removing or inserting a tip  
Let the tip to cool down to room temperature before holding it with heat resistant pads  
Unscrew the metal cap nut  
(1). Pull out the shaft of the soldering iron  
(2) Replace it with a new soldering tip cap nut.



### ESTOVIR TECHNOLOGIES

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