

3500 Series – Series Type

SGS-3500 Series

Senior Lead-free Temperature Controlled Soldering Station

Auto Temperature Detecting

Remote Control Function

Five Control Mode

LCD Display



Soldering Station:

Model	SGS-3500 series
Input Voltage	AC 90-125V AC180-240V, 50/60Hz
Output Power	120Wmax
Output Voltage	0-33.5V
Temperature	250-500 C
Overall Dimensions	155(L) x 110(W) x 120(H)mm
Weight	1.15 K g

Soldering Iron:

Model	SGI-902	SGI-902S
Input Voltage	0-30V	
Tip to Ground Resistance	< 2Ω	
Tip to Ground Potential	< 2mV	
Heating Element	Ceramic Heater	
ESD SAFE	No	Yes

Model Description:

SGS-3000: Input voltage AC180-240V, with Soldering iron SGI-902
SGS-3005: ESD safe, Input voltage AC180-240V, with Soldering iron SGI-902S
SGS-3010: Input voltage AC90-125V, with Soldering iron SGI-902
SGS-3015: ESD safe, Input voltage AC90-125V, with Soldering iron SGI-902S

Main Features

- System utilizes switching power supply to achieve an efficiency rate of near 85% and above; it is set with power factor compensation circuit, $Q \geq 0.85$.
- It adjusts and locks temperature by remote control and can be controlled by multi-groups.
- The intelligent temperature control and correction system, greatly improves the working efficiency. The automated system reduces repeat investment of time and temperature measurement equipment.
- It automatically analyzes the soldering period and returns to stand by status under low temperature to avoid tip oxidation under high temperature.
- It is designed with dynamic power, which allows an output of 110W maximum power, when soldering under low and high temperature.
- It utilizes low-temperature soldering ability. Efficient, quality solder joints can be achieved at 320°C, which effectively extends tip's life.
- It intelligently identifies big and small soldering points and provides different temperature compensations.
- The temperature recovers rapidly and the maximum temperature decline is not more than 30°C.
- The products are equipped with separate heating element and tip. This provides long life and excellent quality. Tip replacement cost is a fraction of other brands.