

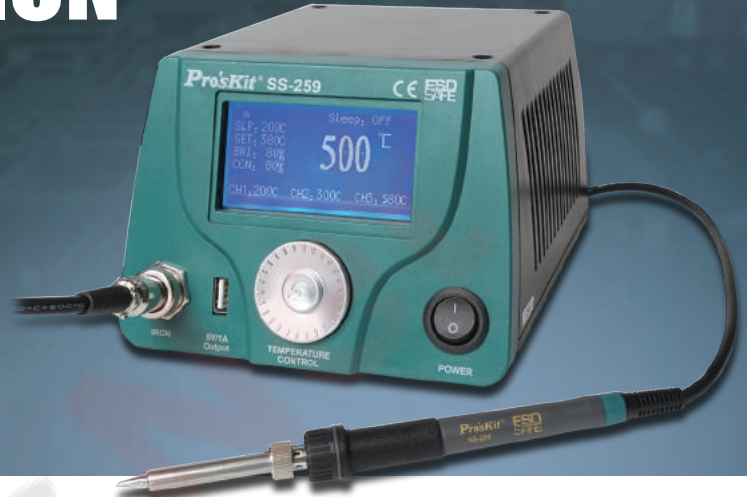
# LCD SMART

- Microprocessor controlled -

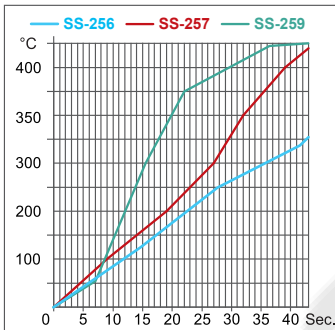


# SOLDERING STATION

- **Resettable Fuse Protection**
- **Temperature Calibration Function**
- **USB Power Output**
- **Shuffle Knob Design for Quick Setting**
- **High Performance**
- **3 Data Memories**
- **Auto Sleep and Wake Up Function**



## Performance Graph



### ▶ SS-256E/B



**60W 480°C**

**Standard model**

- Alumina ceramic heater

### ▶ SS-257E/B



**75W 500°C**

**Advanced model**

- High end quad-wire heater
- 30 sec. reach 300°C

### ▶ SS-259E/B



**90W 500°C**

**Professional model**

- High end silver alloy heater
- Heat fast, 19 sec. reach 300°C

**SS-256/257 Replacement Tips:**  
Please refer to 5SI-216N series soldering tip on page.106

**SS-259 Replacement Tips:**

5SI-259 series	
5SI-259-B	
5SI-259-I	
5SI-259-C	
5SI-259-D	
5SI-259-K	



Model No.	SS-256E	SS-256B	SS-257E	SS-257B	SS-259E	SS-259B
<b>Power consumption</b>	60W		75W		90W	
<b>Input voltage</b>	AC 110~120V 60Hz	AC 220~240V 50Hz	AC 110~120V 60Hz	AC 220~240V 50Hz	AC 110~120V 60Hz	AC 220~240V 50Hz
<b>Temperature range</b>	200~480°C(392°F~896°F)		30~500°C±10°C(86~932°F±50°F)		30~500°C±10°C(86~932°F±50°F)	
<b>Temperature calibration</b>	100~699°C(212~1290°F) Adjustable		0~699°C(32~1290°F) Adjustable		0~699°C(32~1290°F) Adjustable	
<b>Heating element</b>	Alumina ceramic		High end stainless Cr-Ni heater		High end silver alloy heater	
<b>Sleep mode</b>	OFF/1~240min adjustable		OFF, 1~360min adjustment		OFF & 1~360min adjustment	
<b>Output voltage</b>	24VAC		25VAC		25VAC	
<b>Temperature of sleep mode</b>	200°C(392°F)		30~400°C(86~752°F)		30~400°C(86~752°F)	
<b>Replacement heater</b>	9SS-900N-HT		9SS-257-HT		9SS-259-HT	
<b>Soldering iron</b>	9SS-256-SI		9SS-257-SI		9SS-259-SI	
<b>Replacement tips</b>	5SI-216N		5SI-216N		5SI-259 series	
<b>Display</b>	LCD 73mmX40mm, Backlight					
<b>Control system</b>	Microprocessor-controlled					
<b>Temperature stability</b>	±2°C/±36°F (no load)					
<b>USB port output</b>	DC 5V/1A					
<b>Memory</b>	3 sets					
<b>Tip-to-Ground resistance/potential</b>	≤2Ω / ≤2mV					
<b>Individual packing</b>	Color box					