



# REWORK SYSTEMS

SOLDERING & REWORK SYSTEMS

ST 65, ST 75 & ST 115 POWER SUPPLIES

## ST 65

The ST 65 is a single channel, dial control power supply that is compatible with all IntelliHeat handpieces and comes as a system with the new SX-90 Sodr-X-Tractor or as a Power Source only. Featuring a powerful multistage venturi that is powered by your compressed air source, the ST 65 is ideal for application where continuous vacuum or pressure is required. An N<sub>2</sub> source can be connected to create an inert gas reflow environment when using an N<sub>2</sub> capable soldering iron. The heavy-duty, durable metal housing ensures years of service and the sloped face of the front panel is a standard feature for ease of use. An optional mounting bracket (P/N 1321-0609-P1) is available to mount the system under a work-bench or shelf, preserving precious bench top space. N<sub>2</sub> capable soldering iron.

### Features

- IntelliHeat Control Technology
- Dial control
- °C/°F Temperature Scales
- Temperature lockout
- Patented Snap-Vac Technology
- ESD grounding jack
- ESD Safe metal housing
- Stackable
- Can be mounted under workbench or shelf with optional bracket 1321-0609-P1



The ST 75 and ST 115 are ideal for users having to deal with wide ranges of applications. With these systems, you can solder, desolder, remove components with a variety of tweezers and thermo-piks, as well as make use of the high performance, foot pedal activated, air pencil. The systems come standard with PACE's patented SNAPVAC desoldering technology to ensure quick, clean removal of solder from any through-hole joint. The Hi-Flo pump is so powerful that you won't lose vacuum in continuous use applications when removing residual/excess solder from surface mount leads. The new, high resolution pressure control valve delivers the widest range of adjustable airflow available on the market today. So if you're using the new TJ-85 to reflow a PLCC or an 0201 resistor, you always have the precise level of control that you need to get the job done right!

## ST 75

A single channel, dial control power supply, the ST 75 is compatible with all IntelliHeat handpieces and comes as a system with the new SX-90 or as a Power Source only. The ST 75 improves quality, reduces costs and eliminates the maintenance and calibration hassles associated with other systems. The heavy-duty, durable metal housing ensures years of service and the sloped face of the front panel is a standard feature for ease of use.

## ST 115

A single channel, dial control power supply, the ST 115 is compatible with all IntelliHeat handpieces and comes as a system with the new SX-90 or as a Power Source only. The programmable features of the ST 115 cannot be found anywhere on similarly priced systems! The ST 115 improves quality, reduces costs and eliminates the maintenance and calibration hassles associated with other systems. The heavy-duty, durable metal housing ensures years of service and the sloped face of the front panel is a standard feature for ease of use.

### Features

- IntelliHeat Control Technology
- Dial control
- °C/°F Temperature Scales
- Temperature lockout
- Hi-Flo Pump
- Patented Snap-Vac Technology
- ESD grounding jack
- ESD Safe metal housing
- Stackable



### Features

- IntelliHeat Control Technology
- Digital Display & Keypad
- °C/°F display options
- Password lockout
- Temperature Setback
- Auto-Off
- User defined operating temperature range
- Hi-Flo Pump
- Patented Snap-Vac Technology
- ESD grounding jack
- ESD Safe metal housing
- Stackable





# PACE REWORK AND REPAIR

## ST SYSTEM SPECIFICATIONS

SPECIFICATIONS	ST 25	ST 30	ST 50	ST 70	ST 100
System with TD-100 115v	N/A	8007-0499	8007-0500	8007-0504	8007-0525
System with PS-90 115v	8007-0528	N/A	N/A	N/A	N/A
Power Source Only 115v	8007-0529	8007-0497	8007-0501	8007-0505	8007-0524
System with TD-100 230v	N/A	8007-0512	8007-0514	8007-0518	8007-0527
System with PS-90 230v	8007-0510	N/A	N/A	N/A	N/A
Power Source Only 230v	8007-0511	8007-0513	8007-0515	8007-0519	8007-0526
Power Requirements	97-127 VAC, 50/60 Hz, 90 Watts max. 197-253 VAC, 50/60 Hz, 90 Watts max.				
Dimensions	104mm H x 130mm W x 152mm D (4.1" H x 5.1" W x 6.0" D)			135mm H x 165mm W x 260mm D (5.3" H x 6.5" W x 9.25" D)	
Weight	2.3 Kg (5 lbs.)			5 Kg (11 lbs.)	
Control	Dial	Dial	LED Display	Power Module	LED Display & Keypad
Control Technology	SensaTemp		IntelliHeat		
Tip to Ground Resistance	2 ohms or less				
Temperature Accuracy	Meets or exceeds ANSI-I-STD			N/A	Meets or exceeds ANSI-I-STD 001
Absolute Temperature Stability	± 1.1 °C (± 2 °F) at idle tip temp.				
Temperature Range	176 °C to 482 °C (350 ° to 900 °F)	Tip Heater Cartridge Technology Handpieces = 205° to 454°C (400° to 850°F) SensaTemp Technology Handpieces = 176° (Dial) or 37°C (Digital Display) to 482°C (350° (Dial) or 100° (Digital Display) to 900°F)			
System Can be Calibrated	Yes				

SPECIFICATIONS	ST 65	ST 75	ST 115
System 115v	8007-0502	8007-0506	8007-0508
Power Source Only 115v	8007-0503	8007-0507	8007-0509
System 230v	8007-0516	8007-0520	8007-0522
Power Source Only 230v	8007-0517	8007-0521	8007-0523
Power Requirements	97-127 VAC, 50/60 Hz, 90 Watts max. 197-253 VAC, 50/60 Hz, 90 Watts max.	97-127 VAC, 50/60 Hz, 120 Watts max. 197-253 VAC, 50/60 Hz, 120 Watts max.	
Dimensions	104mm H x 130mm W x 152mm D (4.1" H x 5.1" W x 6.0" D)	88mm H x 171mm W x 254mm D (3.5" H x 6.75" W x 10" D)	
Weight	2.3 Kg (5 lbs.)	4 Kg (9 lbs.)	
Control	Dial	Dial	LED Display
Control Technology	IntelliHeat		
Tip to Ground Resistance	2 ohms or less		
Temperature Accuracy	Meets or exceeds ANSI-I-STD		
Absolute Temperature Stability	± 1.1 °C (± 2 °F) at idle tip temp.		
Temperature Range	Tip Heater Cartridge Technology Handpieces = 205° to 454°C (400° to 850°F) SensaTemp Technology Handpieces = 176° (Dial) or 37°C (Digital Display) to 482°C (350° (Dial) or 100° (Digital Display) to 900°F)	Tip Heater Cartridge Compatible Handpieces = 232° to 454°C (450° to 850°F) nominal SensaTemp Compatible Handpieces = 176° to 482°C (350° to 900°F) nominal	
System Can be Calibrated	Yes		
Vacuum/Pressure Source Type	Compressed Air Powered Venturi	Self Contained Pump	
Vacuum Rise Time	150 ms Average		
Vacuum (Nominal)	20 in Hg max		
Flow Control Valve	Coarse Adjustment	High Precision Needle Valve	
Pressure (Nominal)	18 p.s.i. max		
Air Flow (Nominal)	8 slpm max		