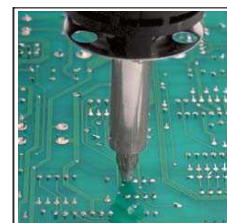


**PACE**<sup>®</sup>  
worldwide

Digital Display for set & actual temperatures

Tool Stand for Desoldering Iron



Reliable Thru-hole Desoldering



SX-100 Solder-X-Tractor Desoldering Tool

A single channel, digital display, fully programmable power supply, the ST-115 is compatible with all IntelliHeat<sup>®</sup> handpieces, comes as a system with the new SX-100 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.

## Technical Specifications

Specifications	Model ST-115E
System 230v	8007-0522
Power Source Only 230V	8007-0523
Power Requirements	197-253 VAC, 50/60 Hz, 120 Watts max.
Dimensions	88mm (3.5") H x 171mm (6.75") W x 254mm (10") D
Weight	4 Kg (9 lbs.)
Control	LED Display & Keypad
Control Technology	IntelliHeat
Tip to Ground Resistance	2 ohms or less
Temperature Accuracy	Meets or exceeds ANSI-J-STD
Absolute Temperature Stability	± 1.1°C (± 2°F) at idle tip temp
Temperature Range	Tip Heater Cartridge = 205~454°C; SensaTemp <sup>®</sup> 37~482°C
System Can Be Calibrated	Yes
Vacuum/Pressure Source Type	Self Contained Pump
Vacuum Rise Time	150 ms Average
Vacuum (Nominal)	20 in Hg max
Flow Control Valve	High Precision Needle Valve
Pressure (Nominal)	18 p.s.i. max
Air Flow (Nominal)	8 slpm max

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## Features

- IntelliHeat® Control Technology
- Digital Display and Keypad
- °C/°F Display Options
- Password lockout
- Temperature SetBack
- Auto-Off
- Hi-Flo Pump
- Patented Snap-Vac Technology
- ESD grounding jack
- ESD Safe metal housing
- Stackable

## Scope of Supply

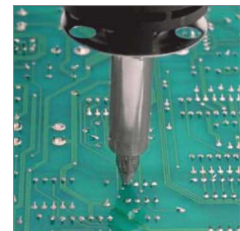
Attachments	Model ST-115E	Model ST-115ES
ST-115 Control Unit	•	•
SX-100 Desoldering Tool	•	•
Stand for SX-100	•	•
PS-90 Soldering Tool	x	•
Stand for PS-90	x	•

## PACE Handpieces












### SX-100 Sodr-X-Tractor®

The best performing, in-line, vacuum desoldering tool is ideal for Thru-Hole desoldering when fitted with SX-100 Desoldering Tips and for SMT land clean-up when fitted with SX-100 Flo-D-Sodr® Tips.

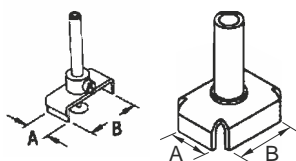


Refer to detailed Pace datasheet for various sizes inserts

## Standard Desoldering Nozzles for SX-100

Desoldering Nozzle	Description	Internal Dia (ID)	Outer Dia (OD)	Part Number
	<b>Thermo-Drive</b>	0.76mm (0.030")	2.03mm (0.080")	1121-0930-P5
	<b>Thermo-Drive</b>	1.02mm (0.040")	2.29mm (0.090")	1121-0931-P5
	<b>Thermo-Drive</b>	1.52mm (0.060")	3.05mm (0.120")	1121-0932-P5
	<b>Thermo-Drive</b>	2.29mm (0.090")	5.1mm (0.200")	1121-0933-P5
	<b>Thermo-Drive</b>	4mm (0.16")	5.1mm (0.200")	1121-0951-P5
	<b>Extended Reach</b>	0.76mm (0.030")	2.29mm (0.090")	1121-0935-P5
	<b>Extended Reach</b>	1.02mm (0.040")	2.54mm (0.10")	1121-0936-P5
	<b>Extended Reach</b>	1.52mm (0.060")	3.05mm (0.120")	1121-0937-P5
	<b>Flo-D-Sodr</b>	1.52mm (0.060")	4.78mm (0.188")	1121-0945-P5

## Surface Mount Removal Pik-Tips



Description	Size A	Size B	Part Number
<b>TSOP-28</b>	8.1mm (0.320")	19.3mm (0.760")	1121-0567-P1
<b>TQFP-32</b>	8.7mm (0.344")	8.7mm (0.344")	1121-0572-P1
<b>PQFP-80/100</b>	16.8mm (0.660")	22.9mm (0.900")	1121-0603-P1

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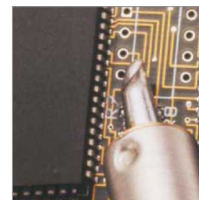
## PACE Compatible Handpieces



### PS-90 Universal Soldering Iron

The Universal Soldering Iron is ideal for most soldering applications and SMT rework operations where high thermal capacity and flexibility are required.

*Refer to detailed Pace datasheet for various desoldering nozzles*



### MT-100 MiniTweez<sup>®</sup>

The only high capacity, micro tweezer on the market today features soft comfort grips, the smallest stroke available, and its tweezing action mimics the natural motion of the human hand to eliminate hand fatigue.

*Refer to detailed Pace datasheet for various sizes inserts*



### TP-100 ThermoPik<sup>®</sup>

The newest tool for SMT component removal the TP-100. The TP-100 is designed to reflow and remove QFPs in seconds.

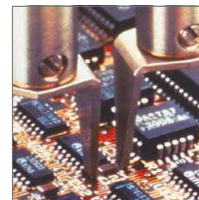
*Refer to detailed Pace datasheet for various sizes inserts*



### TT-65 ThermoTweez<sup>®</sup>

The most versatile and only patented SMT removal tool provides safe, one-handed, rapid reflow and component removal of PLCCs and other 4 or 2 sided SMT components.

*Refer to detailed Pace datasheet for various sizes inserts*



### TJ-85 ThermoJet<sup>®</sup>

When the precise application of hot air is required, our slim line air pencil is ideal for delivering heat for the installation and removal of chip components, SOTs, and SOICs.

*Refer to detailed Pace datasheet for various sizes inserts*



### TJ-70 ThermoJet<sup>®</sup>

The TJ-70 ThermoJet<sup>®</sup> is ideal for delivering heat for reworking of chip components, SOTs, and SOICs. A variety of quick change nozzles are available, to meet your operational needs. This is ideal for the precise application of hot air for large SMDs down to 0201s.

*Refer to detailed Pace datasheet for various sizes inserts*



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