

SensaTemp Production Soldering Station



ST 25/25E - Analog SensaTemp Soldering Station.

Available in Soldering Iron (PS-80) and ThermoTweez (TT-65) versions



SensaTemp Production Soldering

- ST 25 w/ PS-80 Handpiece P/N 8007-0309
- ST 25E w/ PS-80 Handpiece P/N 8007-0310
- ST 25 TT w/ TT-65 ThermoTweez Handpiece P/N 8007-0311
- ST 25E TT w/ TT-65 ThermoTweez Handpiece P/N 8007-0312

Features

- Analog system
- High capacity SMT/Thru-hole soldering
- Adjustable °F/ °C temperature control dial
- Temperature/dial lock
- Modular stacking capabilities


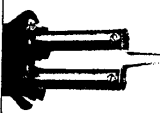
Power Source Specs

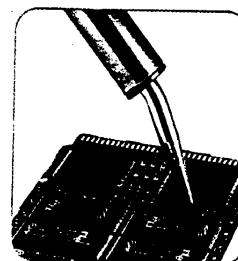
Unit:	ST 25 PS-80 and ST 25 TT	ST 25E PS-80 and ST 25E TT
Output Voltage:	97-127 VAC, 50/60 Hz, 90 Watts maximum at 115 VAC, 60Hz	197-253 VAC, 50/60 Hz, 80 Watts maximum at 230 VAC, 50Hz
Dimensions:	88mm H x 114mm W x 165mm D (3.5" H x 4.5" W x 6.5" D)	88mm H x 114mm W x 165mm D (3.5" H x 4.5" W x 6.5" D)
Weight:	Approx. 2.3 Kg (5 lbs.)	Approx. 2.3 Kg (5 lbs.)

Handpiece Specs

- Tip to ground resistance: 2 ohms or less
- Temperature stability: $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$) at idle from set tip temp.
- Tip Temperature Range: 204° to 454°C (400° to 850°F) nominal

Handpieces for ST 25 and ST 45

Handpiece	DESCRIPTION
	SensaTemp PS-80 Soldering Iron
	SensaTemp TT-65 ThermoTweez



Mini-Wave Tip with PS-80 to install SMDs

ST 25 and ST 45 SERIES SYSTEMS CONSUMABLES

ITEM DESCRIPTION	PART NUMBER
PS-80 Heater Assembly	6010-0095
TT-65 Heater Assembly, with sensor	6010-0082
TT-65 Heater Assembly, w/o sensor	6010-0083

Digital SensaTemp Production Station

ST 45/45E - Digital SensaTemp Soldering Station.

Available in Soldering Iron (PS-80) and ThermoTweez

(TT-65) version.



ES6050 SAFE

Digital SensaTemp Production Soldering

ST 45 w/ PS-80 Handpiece P/N 8007-0313

ST 45E w/ PS-80 Handpiece P/N 8007-0314

ST 45 TT w/ TT-65 ThermoTweez Handpiece P/N 8007-0315

ST 45E TT w/ TT-65 ThermoTweez Handpiece P/N 8007-0316

Features

- Digital system
- High capacity SMT/Thru-hole soldering
- Digital LED temperature readout
- Password lock
- Temperature setback and Auto-Off safety system
- Color coded temperature control keys
- User-friendly electronics
- Modular stacking capabilities

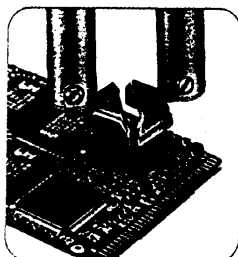
Power Source Specs

Unit:	ST 45 and ST 45 TT	ST 45E and ST 45E TT
Output	97-127 VAC, 50/60 Hz,	197-253 VAC, 50/60 Hz,
Voltage:	90 Watts maximum at 115 VAC, 60Hz	80 Watts maximum at 230 VAC, 50Hz
Dimensions:	88mm H x 114mm W x 165mm D (3.5" H x 4.5" W x 6.5" D)	88mm H x 114mm W x 165mm D (3.5" H x 4.5" W x 6.5" D)
Weight:	Approx. 2.3 Kg (5 lbs.)	Approx. 2.3 Kg (5 lbs.)

Handpiece Specs

Tip to ground resistance: 2 ohms or less
 Temperature stability: $\pm 1.1^{\circ}\text{C}$ ($\pm 2^{\circ}\text{F}$) at idle from set tip temp.
 Tip Temperature Range: 204° to 482°C (400° to 900°F) nominal

PART NUMBER	QTY OF TIPS
6010-0096-P1	75 Standard tips
7025-0001-P1	45 Standard Tips



4-sided tips with TT-65 to remove most SMDs

ST 25 and ST 45 SERIES SYSTEMS CONSUMABLES

ITEM DESCRIPTION	PART NUMBER
Sponge, Tip & Tool Stand	4021-0008
Fuse, 1.0A Time Lag, 120VAC Systems	1159-0246
Fuse, 0.5A Time Lag, 230VAC Systems	1159-0213