

# Soldering & Desoldering

## EDSYN-951 Heat Soldering Iron + Accessories

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



### 951SX

#### Features:

- Accurate linear temperature control
- Easy to maintain and calibrate
- Modular assembly of parts for easy service
- Wide variety of soldering and SMT CROWN tips
- External calibration helps with ISO9000 compliance

#### Specifications:

- Power Requirements: 120V, 60Hz
- Power Rating: 15W - 220W
- Heater Rating: 120V, 95W
- Temperature Range: 400°F - 800°F / 205°C - 427°C
- Temperature Regulation: ± 6°F / ± 3°C
- Tip to Ground Voltage Leakage/Resistance: < 2mV / < 2 ohms
- Overall Dimensions: 4.1"Wx8.2"Hx10"D / 104mm x 208mm x 254mm

Part No.	Product No.	Manufacturer	Description	Output power W	Solder Type	The range of control temperature °C	Suitable voltage
30305	RS-372	EDSYN	951 Soldering Iron Kits	15W-220W	951 SX	400°F-800°F/205°C-427°C	120V



SR298



SR337

Part No.	Product No.	Manufacturer	Description	Output power W	Solder Type	Handpiece (mm)	Suitable voltage
17300	SR298	EDSYN	951 Soldering Iron Kits	50W	951SX	LT387	110V
40114	SR337	EDSYN	EDSYN-951SX Heat core				23V



- Nitrogen can be used to reduce oxidation and bridging
- Dual controls for hot gas and tip temperatures to produce even heating of board
- Use for site preparation and reinstallation of QFP devices
- Recommended by major manufacturers and subcontractors in high volume BGA programs
- Perfect for solder bridge removal and fine pitch device reattachment

Model	TSX70-100	TSX70-230
Power requirement	100V, 50Hz	230V, 50Hz
Power rating	39W - 330W	39W - 330W
Heater rating	24V, 70W	24V, 70W
	24V, 45W	24V, 45W
Weight	3.1 kg	
Overall dimensions	147 mm x 254 mm x 224 mm	
Temperature range	205°C - 427°C	
Temperature regulation	< 2mV / < 2 ohms	
Tip-to-ground voltage Leakage/resistance	±3°C	

Part No.	Product No.	Manufacturer	Description	Output power W	The range of control temperature °C	Weight	Suitable voltage
37918	TSX70-100	EDSYN	SMT Reflow Vacuum Workstation	39W - 330W	205°C-427°C	3.1 kg	100V
37920	TSX70-230	EDSYN	SMT Reflow Vacuum Workstation	39W - 330W	205°C-427°C	3.1 kg	230V



- Nitrogen can be used to reduce oxidation and bridging
- Dual controls for hot gas and tip temperatures to produce even heating of board
- Use for site preparation and reinstallation of QFP's
- Recommended and utilized by major manufacturers and subcontractors in high volume BGA programs

#### Specifications for Model TSX70

Power Requirements	120V, 60Hz
Power Rating	39W - 330W
Heater Rating	24V, 45W and 24V, 70W
Temperature Range	400°F-800°F/205°C-427°C
Temperature Regulation	±6°F/±3°C
Tip-to-Ground Voltage Leakage/Resistance	< 2mV / < 2 ohms
Overall Dimension	5.8"W x 10"H x 8.8"D 147 mm x 254 mm x 224 mm
Weight Power Supply	TSX70-2 6.2 lbs/2.8 kg
Desoldering Hand Tool	TSX70-1 13.5 oz/383 g



Part No.	Product No.	Manufacturer	Description	Output power W	The range of control temperature °C	Weight	Suitable voltage
37870	TSX70-2	EDSYN	SMT Reflow Vacuum Workstation	39W - 330W	205°C-427°C	6.2 lbs/2.8 kg	120V



- Powerful 70W high output PTC element makes heavy multi-layer boards easy to desolder
- Adjustable desoldering hand tool design provides comfortable working angles
- Powerful vacuum pulse (implosion) from stored vacuum in hose, 21" Hg minimum

#### Specifications for Model ZD500HA

Power Requirements	120V, 60Hz
Power Rating	95W - 340W
Heater Rating	HT500 FA069 CL1080 (ZD500HA-3)
Temperature Range	400°F-800°F/205°C-427°C
Temperature Regulation	±6°F/±3°C
Tip-to-Ground Voltage Leakage/Resistance	< 2mV / < 2 ohms
Overall Dimension	6.5"W x 8.5"H x 10.0"D 165 mm x 216 mm x 254 mm
Weight Power Supply	PS501 6 lbs/2.7k g
Desoldering Hand Tool	HT500-2 11 oz/312 g
Hot Air Tool	FA069 6 oz/170 g
Soldering Tool (ZD500HA-3)	CL1080 6 oz/170 g

Part No.	Product No.	Manufacturer	Description	Output power W	The range of control temperature °C	Suitable voltage
37888	ZD500HA	EDSYN	Self-Contained Hot Tip Desoldering and Hot Air Rework Station	95W - 340W	205°C-427°C	120V
37889	ZD500HA-3	EDSYN	Self-Contained Hot Tip Desoldering and Hot Air Rework Station	95W - 340W	205°C-427°C	120V



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