

When your name is on the line in today's electronics universe, precise performance and adaptability count. EDSYN is dedicated to manufacturing the world's finest quality products in accordance to the line voltage and plug requirements our customers need all around the globe. Look for the EDSYN Quality symbol for innovative engineering and commitment to design stamped into our wide array of hand tools, stations, systems and accessories.

Being a leader around the world means earning customer trust in EDSYN Quality products and service - time and time again. It is a pattern we have grown accustomed to since EDSYN patented the "Original Deluxe SOLDAPULLT" and launched an industry revolution nearly 40 years ago.



EDSYN Quality





Soldering



*Multi-Tasking
Hot Gas
Desoldering*



*Hot Air
SMT*



*Multi-Tasking
Hot Tip
Desoldering*



Desoldering



*EDSYN
Quality*



*Hot Tip
Desoldering*



*Innovative
Accessories*

INTERNATIONAL



951DX

LONER Deluxe Soldering Station

Low voltage soldering station



- 24V hand tool meets low voltage requirements
- Accurate temperature control
- External calibration helps with ISO9000 compliance
- Modular assembly of parts for easy maintenance
- Wide variety of soldering and SMT CROWN tips available
- Detachable handles for easy replacement



951DP

LONER Deluxe High Performance Soldering Station

- 24V high performance hand tool
- Direct tip-heater configuration results in quick heat-up and recovery
- Accurate temperature control
- External calibration helps with ISO9000 compliance
- Modular assembly of parts for easy maintenance
- Wide variety of soldering and SMT CROWN tips available



971DX

LONER Deluxe High Performance Temperature Controlled Soldering Station



- 24V hand tool
- Direct tip-heater configuration results in quick heat-up and recovery
- Advanced circuit design provides precise temperature control and external calibration
- Fume extraction and hot air conversion kits (sold separately) offer economy and versatility
- New front loading design makes tip change faster and easier

Specifications for Model 951DX



Power Requirements
Power Rating
Heater Rating



Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage Leakage/Resistance

951DX-100	951DX-230	Options for 951DX-230
100V, 50Hz 18W - 160W 24V, 53W	230V, 50Hz 18W - 160W 24V, 53W	951DX-230B British Standard Plug  951DX-230P No Plug 
1.8 kg		
104 mm x 216 mm x 254 mm		
205°C-427°C		
< 2mV/< 2 ohms		
±3°C		

Specifications for Model 951DP



Power Requirements
Power Rating
Heater Rating



Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage Leakage/Resistance

951DP-100	951DP-230	Options for 951DP-230
100V, 50Hz 17W - 170W 24V, 45W	230V, 50Hz 17W - 170W 24V, 45W	951DP-230B British Standard Plug  951DP-230P No Plug 
1.8 kg		
104 mm x 216 mm x 254 mm		
205°C-427°C		
< 2mV/< 2 ohms		
±3°C		

Specifications for Model 971DX



Power Requirements
Power Rating
Heater Rating



Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage Leakage/Resistance

971DX-100	971DX-230	Options for 971DX-230
100V, 50Hz 18W - 160W 24V, 53W	230V, 50Hz 18W - 160W 24V, 53W	971DX-230B British Standard Plug  971DX-230P No Plug 
1.8 kg		
104 mm x 216 mm x 254 mm		
205°C-427°C		
< 2mV/< 2 ohms		
±3°C		



ZD905V
***SOLDAPULLT*® LONER**
Hot Tip Desoldering and Soldering Station

- Independent controls for both soldering and desoldering tools
- High performance in a small footprint
- Requires clean and dry shop air, 60-90 psi
- External calibration helps with ISO9000 compliance
- Wide variety of nozzles and tips available



ZD505V
***SOLDAPULLT*®**
Hot Tip Desoldering Station

- Requires clean and dry shop air, 60-90 psi
- Powerful 70W high output PTC element makes heavy duty multi-layer boards easy to desolder
- Adjustable hand tool provides comfortable working angles
- External calibration helps with ISO9000 compliance
- Burn resistant tool power cord and vacuum hose



ZD500DX
***SOLDAPULLT*® Self-Contained**
Deluxe Hot Tip Desoldering Station



- Adjustable hand tool design provides comfortable working angles
- Powerful 70W high output PTC element makes heavy duty multi-layer boards easy to desolder
- External calibration helps with ISO9000 compliance
- Single burn-resistant tool power cord and vacuum hose

Specifications for Model ZD905V



Power Requirements
Power Rating
Heater Rating



Weight
Overall Dimension
Temperature Range
Temperature Regulation
Tip-to-Ground Voltage Leakage/Resistance

ZD905V-100	ZD905V-230	Options for ZD905V-230	
100V, 50Hz 38W - 310W 24V, 70W	230V, 50Hz 38W - 310W 24V, 70W	ZD905V-230B British Standard Plug	
		ZD905V-230P No Plug	
2.7 kg			
140 mm x 229 mm x 241 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			

Specifications for Model ZD505V



Power Requirements
Power Rating
Heater Rating

Weight
Overall Dimension
Temperature Range
Temperature Regulation
Tip-to-Ground Voltage Leakage/Resistance

ZD505V-100	ZD505V-230	Options for ZD505V-230	
100V, 50Hz 20W - 150W 24V, 70W	230V, 50Hz 20W - 150W 24V, 70W	ZD505V-230B British Standard Plug	
		ZD505V-230P No Plug	
2.4 kg			
127 mm x 241 mm x 229 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			

Specifications for Model ZD500DX



Power Requirements
Power Rating
Heater Rating

Weight
Overall Dimension
Temperature Range
Temperature Regulation
Tip-to-Ground Voltage Leakage/Resistance

ZD500DX-100	ZD500DX-230	Options for ZD500DX-230	
100V, 50Hz 95W - 200W 24V, 70W	230V, 50Hz 95W - 200W 24V, 70W	ZD500DX-230B British Standard Plug	
		ZD500DX-230P No Plug	
3.0 kg			
127 mm x 216 mm x 229 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			



1032
LONER ATMOSCOPE
SMT Hot Air Station

- Requires clean and dry shop air, 90 psi max
- Cost-effective
- Uses a wide variety of nozzles
- Adapts to foot switch operation
- Expands to include optional soldering iron
- Wide range of temperatures allows for:
 - Heating of shrink tubes
 - Fast shaping of plastics
 - Fast melting of glue
 - Touch up after flow soldering
 - Clearing solder bridges between circuit board etches



1036
LONER ATMOSCOPE
Self-Contained SMT Hot Air Station

- Self-contained with built-in air source
- Zero voltage switching
- Uses a wide variety of nozzles
- Expands to include optional soldering iron
- Powerful 95 watt heater for larger components, up to 84 pins
- ESD-safe



TSX70
SOLDAVAC®
SMT Reflow Vacuum Workstation

- 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

Specifications for Model 1032



Power Requirements
Power Rating
Heater Rating

Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage
Leakage/Resistance

1032-100	1032-230	Options for 1032-230V	
100V, 50Hz 70W 24V, 53W	230V, 50Hz 70W 230V, 95W	1032-230B British Standard Plug	
		1032-230P No Plug	
1.4 kg			
104 mm x 208 mm x 254 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			

Specifications for Model 1036



Power Requirements
Power Rating
Heater Rating

Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage
Leakage/Resistance

1036-100	1036-230	Options for 1036-230	
100V, 50Hz 125W 120V, 95W	230V, 50Hz 125W 230V, 95W	1036-230B British Standard Plug	
		1036-230P No Plug	
2.2 kg			
132 mm x 216 mm x 254 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			

Specifications for Model TSX70



Power Requirements
Power Rating
Heater Rating

Weight

Overall Dimension

Temperature Range

Temperature Regulation

Tip-to-Ground Voltage
Leakage/Resistance

TSX70-100	TSX70-230	Options for TSX70-230	
100V, 50Hz 39W - 330W 24V, 70W 24V, 45W	230V, 50Hz 39W - 330W 24V, 70W 24V, 45W	TSX70-230B British Standard Plug	
		TSX70-230P No Plug	
3.1 kg			
147 mm x 254 mm x 224 mm			
205°C-427°C			
< 2mV/< 2 ohms			
±3°C			



(Solder spools sold separately)

FXF11-100/FXF11-230

ATMOSCOPE FUMINATOR

Bench Top Fume Extractor Fan with Circular Base



Specifications for Model FXF11-100/FXF11-230

Power Requirements	12VDC
Overall Dimension FXF11	140 mm x 305 mm x 140 mm
Weight FXF11	0.49 kg

Contents

FXF10	ATMOSCOPE FUMINATOR Bench Top Fume Extractor Fan with Primary Rotating and Carbon Activated Filters. Complete Fan Assembly with Filters, 199 g
SR571	12VDC Wall Transformer for 100V
SR572	12VDC Wall Transformer for 230V
SR542	Stand for the FXF11 with Solder Peg



FXF12-100/FXF12-230

ATMOSCOPE FUMINATOR

Bench Top Fume Extractor Fan with SH232 Tray



Specifications for Model FXF12-100/FXF12-230

Power Requirements	12VDC
Overall Dimension FXF12	140 mm x 305 mm x 178 mm
Weight FXF12	0.58 kg

Contents

FXF10	ATMOSCOPE FUMINATOR Bench Top Fume Extractor Fan with XF02 Primary Rotating and XF03 Charcoal Impregnated Filters. Complete Fan Assembly with Filters, 199 g
SR571	12VDC Wall Transformer for 100V
SR572	12VDC Wall Transformer for 230V
SR541	Stand for the FXF12 with Solder Peg and SH232 Sponge Holder



Key Features for Models FFX11/FFX12

- Compact high efficiency two-stage charcoal impregnated filtration system
- Powerful fan motor draws fume away from operator
- Ultra-quiet operation
- Rotating front filter provides filtration 8x better than a stationary filter
- Bright front (green) and rear (yellow) LED's indicate power and air flow direction
- Adjustable to almost any working angle
- Quick filter replacement
- Internal safety grills
- Low static, ESD-safe



FILTER DESIGN The foam front filter spins at the same speed as the fan blades and increases filtering capability, up to 8x greater than a stationary filter. A charcoal impregnated back filter is added for second stage filtration to neutralize fume odor. The maximum air flow with both filters installed is 21 cfm.

VARIABLE POSITIONING The fan assembly allows a range of 180° tilt positioning. **NOTE:** Extending the fan farther from the base will cause instability to the unit. Using a spool of solder on the peg increases stability.

