



# LF-852D SMD Rework Station

## Specifications:

**Input Power:**  
100-120Vac 60Hz  
220-240Vac 50Hz

**Wattage:**  
Hot Air - 600W

**Temperature Range:**  
Hot Air: 100-480°C/212-896°F

**Heating Element:**  
Nichrome

**Air Flow Capacity:**  
1.5L/min ~ 40L/min

**Heat-Up Time:**  
0-300°C ≤ 30 seconds.

**ESD Safe:**  
Zero Voltage Circuitry,  
Isolated 32V  
Transformer, 3 Wire Power  
Ground.

**Housing:**  
Aluminum Alloy  
EMI protection

**Temperature Adjust Lock-  
Out:** Yes - by Password code

**Burn Resistant Cables:** Yes

**Warranty:**  
12 Months (excludes  
consumption items)

For additional information or  
ordering assistance please  
call toll free 877-700-6085 to  
speak with a XYtronic  
Soldering Specialist today!



## The XYtronic LF-852D SMD Rework Station

**XYtronic Soldering Systems...**  
*Serving the electronics industry since 1984*

.....Shingle Springs, CA. XYtronic-USA is pleased to announce the arrival of the all new LF-852D. Our SMD Rework System is specially designed for soldering, desoldering Surface Mount Devices with temperature controlled hot air. The LF-852D will achieve marked improvements in quality and efficiency of your rework tasks.

**Bonus Offer!** Your LF-852D will ship with a free set of stainless steel, anti-magnetic rework tweezers, a replacement heating element, and 4 complimentary air nozzles (A1124B, A1130B, A1125B, A1126B)

LF-852D SMD Rework System		
MODEL		
Power Voltage	220-240Vac 50Hz/	100-120Vac 60Hz
Fuse (Fast type)	10A (Fast type)	15A (Fast type)
Power Consumption (Max)	600W	
Pump	Diaphragm 115V or 120V / 230V or 240V	
Air Flow	1.5L-40L/Min	
Temperature range	100°C - 480°C / 212°F - 896°F	
Dimensions	283(W) x 120(H) x 190(D) mm	

## Key Features:

**Sensor/Pump Failed Detection:**  
If sensor circuit fails, the heater power is shut down.

**Quick Heat Up:**  
High power heating element. Momentary power can reach 600W.

**Temperature "Lock-Out" feature:**  
The temperature can be locked with a password code - for production line management.

**Temperature Adjustable:**  
For removing QFP, SOP, PLCC or SOJ chips etc., especially built in static free circuit design safety for sensitive elements like CMOS ICs.

**Auto Cooling Design:**  
When the power switch is off, the cooling system will begin to work automatically, the temperature falls down to 100°C /212°F to protect the heating element from burning.

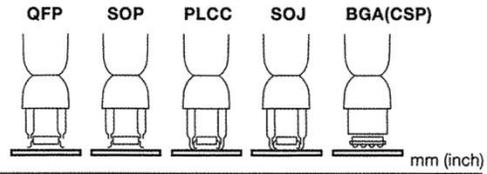
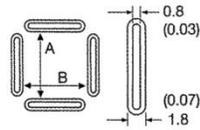
**Auto Protecting Function:**  
When heating element reaches a high temperature which can be protected automatically - extending the life of the heating element.

**Hot Air Function:**  
600W High power heating element.  
Temperature adjustable, for removing QFP, SOP, PLCC or SOJ chips, etc. Static Free circuit design - safe for working with CMOs and ICs. Sensor/Pump Failed Detection, Auto-Cooling design. Heating element with Auto-Protection Function.



# Interchangeable Hot Air Nozzle Options

★ = included with purchase



Part Number	Package Type	Dimensions (mm)	Dimensions (inch)
A1125B	QFP 10 x 10	10 x 10	0.39 x 0.39
A1126B	QFP 14 x 14	14 x 14	0.55 x 0.55
A1127B	QFP 17.5 x 17.5	17.5 x 17.5	0.68 x 0.68
A1128B	QFP 14 x 20	14 x 20	0.55 x 0.78
A1129B	QFP 28 x 28	28 x 28	1.1 x 1.1
A1135B	PLCC 17.5 x 17.5	17.5 x 17.5	0.68 x 0.68 (44 pins)
A1136B	PLCC 20 x 20	20 x 20	0.78 x 0.78 (52 pins)
A1137B	PLCC 25 x 25	25 x 25	0.98 x 0.98 (68 pins)
A1138B	PLCC 30 x 30	30 x 30	1.18 x 1.18 (84 pins)
A1139B	PLCC 12.5 x 7.3	12.5 x 7.3	0.49 x 0.29 (18 pins)
A1140B	PLCC 11.5 x 11.5	11.5 x 11.5	0.45 x 0.45 (28 pins)
A1141B	PLCC 11.5 x 14	11.5 x 14	0.45 x 0.55 (32 pins)
A1182B	BQFP 24 x 24	24 x 24	0.94 x 0.94
A1187B	TSOL 18.5 x 8	18.5 x 8	0.73 x 0.31
A1257B	SOP 11 x 21	11 x 21	0.43 x 0.83
A1258B	SOP 7.6 x 12.7	7.6 x 12.7	0.3 x 0.5
A1259B	SOP 13 x 28	13 x 28	0.51 x 1.1
A1260B	SOP 8.6 x 18	8.6 x 18	0.34 x 0.71
A1261B	QFP 20 x 20	20 x 20	0.78 x 0.78
A1262B	QFP 12 x 12	12 x 12	0.47 x 0.47
A1263B	QFP 28 x 40	28 x 40	1.1 x 1.57
A1264B	QFP 40 x 40	40 x 40	1.57 x 1.57
A1265B	QFP 32 x 32	32 x 32	1.26 x 1.26
A1124B	SOP Ø2.5	Ø2.5	0.09
A1130	SOP Ø4.4	Ø4.4	0.17
A1131	SOP 4.4 x 10	4.4 x 10	0.17 x 0.39
A1132	SOP 5.6 x 13	5.6 x 13	0.22 x 0.51
A1133	SOP 7.5 x 15	7.5 x 15	0.3 x 0.59
A1134	SOP 7.5 x 18	7.5 x 18	0.3 x 0.7
A1142B	Bent Single 1.5 x 3	1.5 x 3	0.06 x 0.12
A1170	Ø7(I.D)	Ø7	(I.D)
A1110	Ø10(I.D)	Ø10	(I.D)

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Distributed by:

Add to the versatility of your LF-852D with an Optional Hot Air Pencil: HAP 80



