



LF-853D Multi-Function SMD Rework Station

Specifications:

Input Power:

100-120Vac 60Hz
220-240Vac 50Hz
(replacement iron 210 ESD)

Wattage:

Soldering: - 100W
Desoldering - 170W
Hot Air - 600W

Temperature Range:

SIA: 150-480°C/302-896°F
DIA: 300-450°C/572-842°F
Hot Air: 100-480°C/212-896°F

Heating Element:

Premium Grade Ceramic

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

Temperature Calibration

Port: Yes - External

Burn Resistant Cables: Yes

- Power Cord and Solder Iron

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-853D Multi-function 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 LF853D. This Multi-Function SMD Rework System is designed to handle your most challenging rework & repair jobs while saving you work space with its unique "three in one" design. Specializing in lead free soldering/desoldering, surface mount devices with temperature controlled hot air.

Ships with:

- DIA100: Desoldering iron assembly with tip
- 210ESD: Soldering iron assembly with tip
- AC power cord with plug
- Hot air gun
- **Accessories Included**
 1. 2 cleaning Brushes
 2. 1 cooling strip
 3. 1 probe
 4. 4 nozzles
 5. 2 iron holders
 6. Hot air gun holder

Key Features:

Heater/Sensor Failed Detection:

If sensor circuit fails, the heater power is shut down.

Energy Saver Mode:

If the station is left idle for 20 minutes, the energy saver feature will automatically engage, resetting the temperature to 150°C from the previous setting.

Temperature "Lock-Out" feature:

The temperature can be locked with a password code.

ESD Safe and Spike Free Circuitry:

The "Zero Voltage" electronic switching design protects voltage and current sensitive components (CMOS devices, etc.) against damaging current and transient voltage spikes commonly produced by less efficient, mechanically switched stations.

Delayed Suction:

To eliminate the problem of solder clogging up the tip, a delayed switch feature has been incorporated for the unit that allows the pump to continue sucking for 1.5 seconds after the actuator switch is released.

Light Weight Soldering Iron:

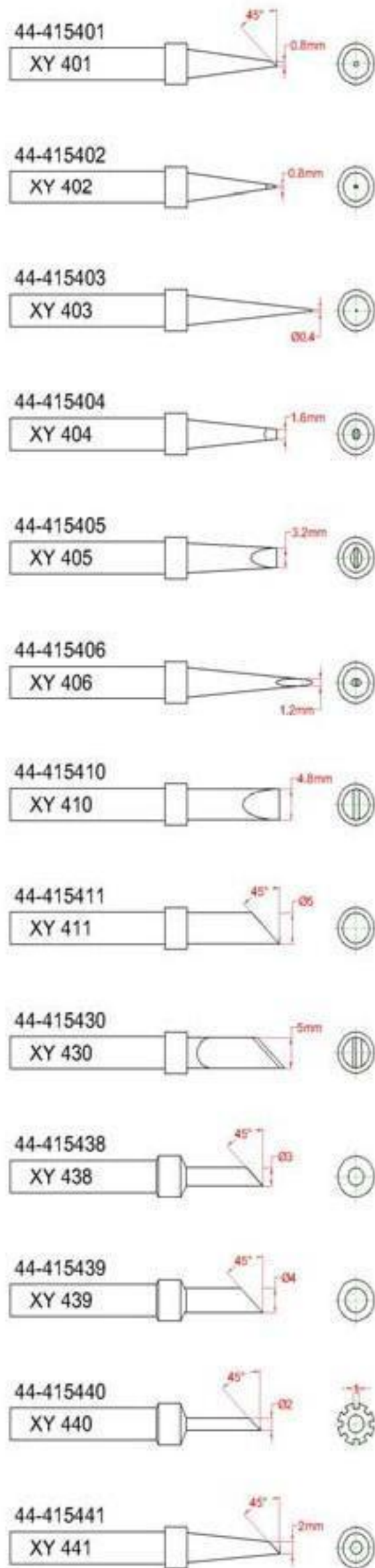
Ergonomic mini-handle that stays cool and prevents operator fatigue.

Hot Air Function:

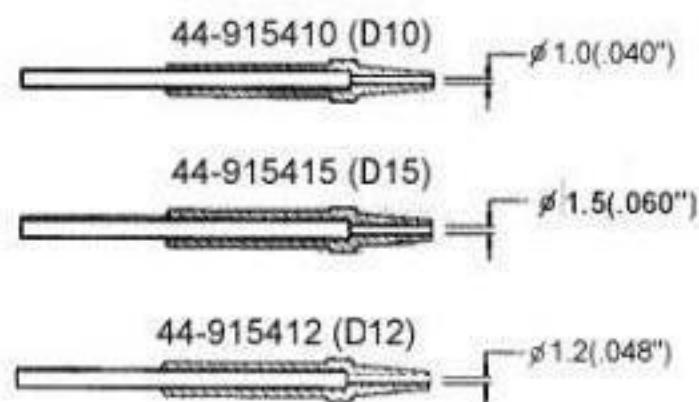
600W High power heating element. Temperature adjustable, for removing QFP, SOP, PLCC or SOJ chips, etc. Static Free circuit design - safe for working with CMOs and ICs. Sensor/Pump Failed Detection, Auto-Cooling design. Heating element with Auto-Protection Function.

XY-LF-853D SPECIFICATIONS CHART

Interchangeable Tips for SIA 210ESD:



Desoldering Tips for DIA 100



MODEL		LF-853D Multi-Function SMD Rework System	
Power Voltage		220-240Vac 50Hz/	100-120Vac 60Hz
Fuse (Fast type)		10A (Fast type)	15A (Fast type)
Power Consumption (Max)		900W	
Weight		12kg	
Soldering	Power Consumption	100W	
	Temperature range	SIA : 150°C-480°C (302°F-896°F)	
	Sleep Temperature	150°C (302°F)	
	Temperature correction range	+99°C~-99°C/+178°F~-178°F	
	Default setting	150°C(302°F)	
		F-1: "000"	
		F-2: "00"	
		F-3:"000"	
	F-4: "°C"		
	De-Soldering	Power Consumption	170W
Temperature range		DIA: 300°C-450°C (572°F-842°F)	
Sleep Temperature		200°C (392°F)	
Temperature correction range		+99°C~-99°C/+178°F~-178°F	
Default Setting		300°C (572°F)	
		F-1: "000"	
		F-2: "00"	
		F-3:"000"	
F-4: "°C"			
Hot Air		Power Consumption	600W
	Air Flow	1.5 L / Min -40L / Min	
	Temperature range	100°C-480°C / 212°F-896°F	
	Air range	10-99	
	Default Setting	F-1 : "000"	
		F-2:"°C"	
		Temperature100 Air 10	

Optional SMD Tweezer TWZ100

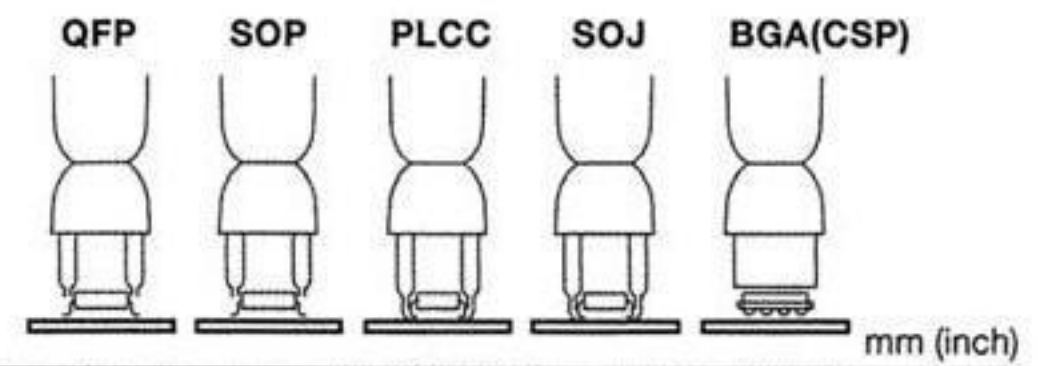
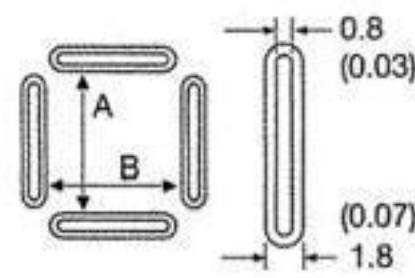


Optional Hot Air Pencil: HAP 80



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	15 x 15	0.55 x 0.55
A1127B	QFP 17.5 x 17.5	19 x 19	0.68 x 0.68
A1128B	QFP 14 x 20	21 x 15	0.55 x 0.78
A1129B	QFP 28 x 28	29 x 29	1.1 x 1.1
A1135B	PLCC 17.5 x 17.5 (44 pins)	15 x 15	0.68 x 0.68
A1136B	PLCC 20 x 20 (52 pins)	19 x 19	0.78 x 0.78
A1137B	PLCC 25 x 25 (68 pins)	24 x 24	0.98 x 0.98
A1138B	PLCC 30 x 30 (84 pins)	29 x 29	1.18 x 1.18
A1139B	PLCC 12.5 x 7.3 (18 pins)	6.9 x 6.9	0.49 x 0.29
A1140B	PLCC 11.5 x 11.5 (28 pins)	10 x 10	0.45 x 0.45
A1141B	PLCC 11.5 x 14 (32 pins)	10 x 15	0.45 x 0.55
A1182B	BQFP 24 x 24	21 x 21	0.94 x 0.94
A1187B	TSOL 18.5 x 8	18.5 x 10	0.73 x 0.31
A1257B	SOP 11 x 21	11.7 x 21	0.43 x 0.83
A1258B	SOP 7.6 x 12.7	8.2 x 11.7	0.3 x 0.5
A1259B	SOP 13 x 28	13.5 x 29	0.51 x 1.1
A1260B	SOP 8.6 x 18	8.7 x 19	0.34 x 0.71
A1261B	QFP 20 x 20	21 x 21	0.78 x 0.78
A1262B	QFP 12 x 12	12 x 12	0.47 x 0.47
A1263B	QFP 28 x 40	39 x 29	1.1 x 1.57
A1264B	QFP 40 x 40	39 x 39	1.57 x 1.57
A1265B	QFP 32 x 32	31 x 31	1.26 x 1.26
★ A1124B	SOP Ø2.5	Ø2.5 (I.D.)	0.09
A1130	SOP Ø4.4	Ø4.4 (I.D.)	0.17
A1131	SOP 4.4 x 10	4.8 x 10	0.17 x 0.39
A1132	SOP 5.6 x 13	5.7 x 15	0.22 x 0.51
A1133	SOP 7.5 x 15	7.2 x 16	0.3 x 0.59
A1134	SOP 7.5 x 18	19	0.3 x 0.7
A1142B	Bent Single 1.5 x 3	1.5 x 3 (I.D.)	0.06 x 0.12
★ A1170		Ø7 (I.D.)	
A1110		Ø10 (I.D.)	

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XYtronic-USA provides the broadest range of soldering equipment, fume extraction products and hand tools to meet all your assembly needs.

Our strength lies in our temperature controlled soldering stations which make up the bulk of XYtronic-USA's sales and are a key piece of equipment for the electronics industry.

