

LF-1680 Micro Digital Rework Station

Specifications:

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

Wattage:
SIA 80W - (108 ESD rep)
TWZ 80W

Temperature Range:
SIA 200-480°C / 392-896°F
TWZ 200-450°C / 806-842°F

Temperature Stability:
± (3°C/6°F) of idle.

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 - Mechanical

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.



The XYtronic LF-1680 Mini-type Soldering 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-1680 Micro Digital Rework Station. This appliance is specially designed for both lead free soldering and SMD chips, SOT, Flat pack ICs' etc. reworking without alternating the wands.

LF-1680 electronically temperature controlled rework station with intelligent chip microcomputer control designs was developed to meet the present and future Lead-free soldering needs of the electronic production industry and suitable for work on professional SMD electronics.

The revolutionary "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. The power unit is isolated from the A.C. line by a transformer and allows only 32Vac to drive the heating element. The temperature "Lock-out" feature by "password" is convenient for production management. The many features of the product make it the ideal tool for service and repair technicians as well as production line soldering operation. Ideal for use at any AC outlet

Key Features:

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

Temperature "Lock-Out" feature:
The temperature can be locked with a password code.

**Isolated Iron Holder with Tip
Cleaner:**

Made of low abrasive brass shavings instead of conventional sponges to meet RoHS requirements, cleans better and no water is necessary.

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

The unit contains:

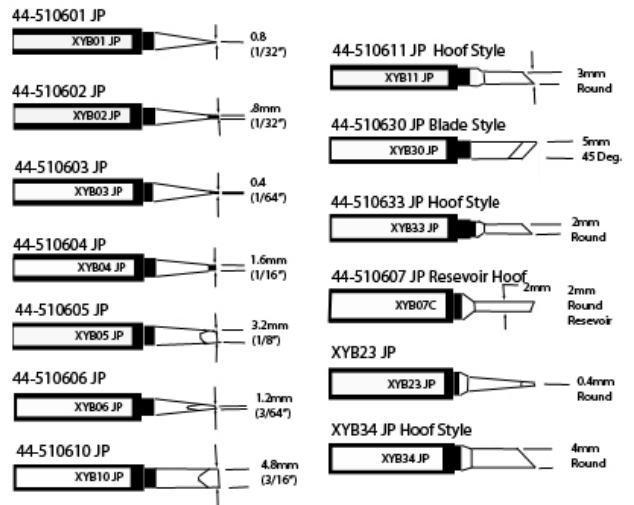
1. Solder wand
2. Tweezers wand
3. Iron holder with brass tip cleaner.
4. Tweezers holder with brass tip cleaner
5. AC power cord with plug.

Tip Options:

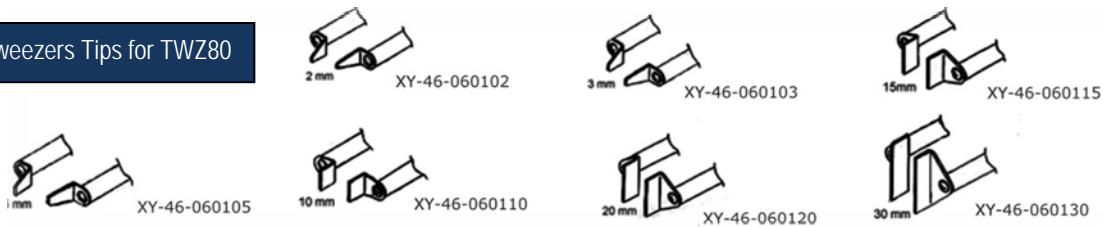
Choose from a wide variety of geometries. All XYtronic soldering tips are made from oxygen-free copper and coated with the "very best" lead-free plating material to extend the useful life of your tip.

Model	LF-1680	
Input	220-240Vac 50Hz	100-120Vac 60Hz
Output	32Vac/80W	
Fuse (Slow type)	T1A	T2A
Temperature Range	200°C-480°C (392°F-896°F)	
Temperature Correction Range	+99°C --99°C /+210°F --210°F	
Default Set	200°C /392°F	
	Temperature correction value"00"	
Dimensions	105 x 90 x 126mm (W x H x D)	
Weight (Unit only)	1.5 kg	

LF-1680 Soldering Tips:



Tweezers Tips for TWZ80



Accessories:



XYtronic-USA ROSIN FLUX 800 Low Solids No Clean

Xytronic-USA RF-800 Liquid Flux provides the broadest process window for a no-clean flux. Specifically formulated for Lead Free and 63/37 SnPb Soldering, providing excellent soldering result (low defects)

Available in 2oz / 4oz / 16oz / 1 Gallon / XY-RF800LF128

High Activity, Lead-free/SnPb RMA No-Clean Liquid Flux

Rosin-containing, alcohol based flux designed to optimize solderability and reliability

Excellent Lead-free soldering performance on various board finishes.

Evenly spread, tack free residue.

Capable for high density as well as general purpose Lead-Free soldering processes.

Can be used in Lead-free or SnPb processes / Halide free



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