

## LF-389D Soldering Station

### Specifications:

Input Power:  
100-120Vac 60Hz  
220-240Vac 50Hz  
(replacement iron 105U)

Wattage: 60W

Temperature Range:  
150-480°C/302-896°F

Temperature Stability:  
± (5°C/9°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 today!



### The XYtronic LF-389D 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-389D\*. The high power LF-389D\* electronically temperature controlled soldering station was specially designed and developed to meet the present and future Lead-free soldering needs of the electronic production industry. A temperature regulated soldering iron is essential for making consistent, reliable soldered connections. It provides all the benefits of temperature regulation and connects via a highly flexible burn-resistant cord, and can be easily adjusted in temperature. (150°C - 480°C )

*\*The LF-389D ships with a standard tip:  
44-510601, Waterless tip dresser, iron stand,  
temperature lock-out key and operating instructions.*

### 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.

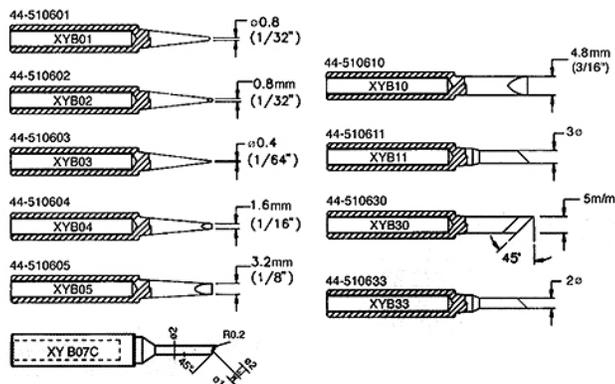
**Isolated Iron Holder with Tip Cleaner:**  
Made of low abrasive brass shavings instead of conventional sponges to meet RoHS requirements, cleans better and no water is necessary.

**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.

**Optional Hot Air Pencil (HAP 80):**  
Makes removing SMD chips and flat packs up to 25mm.

Model	LF-389D	
Input	220-240Vac 50Hz	100-120Vac 60Hz
Output	60W	
Fuse (Fast type)	0.5A	1A
Temperature Range	150°C-480°C ( 302°F-896°F )	
Temperature Correction Range	+99°C --99°C /+210°F --210°F	
Default Set	150°C /302°F	
	Temperature correction value"00"	
Dimensions	105 x 90 x 90mm (W x H x D)	

### LF-389D Soldering Tips:



## Accessories:



Rework Flux XY-EF6100RLF2

### XYtronic-USA EF-6100-R Alcohol-Based, No-Clean Rework Flux

XYtronic-USA EF6100-R Rework Flux. Excellent for rework soldering, high reliability and board cosmetics. EF-6100-R exhibits fast wetting using Pb-Free and SnPb alloys. Xytronic-USA EF-6100-R is a highly reliable, easy to use, no-clean rework flux.

IPC, Bellcore, and JIS compliant

Available in 2oz / 4oz / 16oz / 1 Gallon / XY-EF6100RLF2



Rosin Flux 800

### 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



No-Clean Liquid Flux EF 8300