

# Soldering & Desoldering

## XYTRONIC\_Soldering Station + Available Tip Shape

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



**SPECIFICATIONS**

Model		168-3C
Main power	V.ac	As requested
Heater output	V.ac	24
Heater power	Watts	60
Soldering Iron		SIA60
Standard tip	*	44-415404 (44-016824)

- The AUTO-TEMP 168 Soldering Station offers the ultimate in controlled temperature hand soldering.
- The NICHROME element wire is precision wound at the end of the stainless steel barrel to ensure maximum temperature as close to the working surface of the tip as possible. This results in both rapid heat-up and instant heat recovery.
- The revolutionary electronic "Zero Voltage" thyristor protects voltage and current sensitive components (CMOS Devices), against transient voltage spikes caused by using mechanical switches.
- Heat up time to the appropriate working temperature is attained in about 45 seconds.
- A standard temperature "Lockout" feature prevents operators from altering preset temperatures.
- The power unit is isolated from the A.C. line by the transformer and only 24VAC isolated voltage is used to drive the heater element. The soldering tip is grounded through the power unit to ensure less than 0.5 millivolt or 0.03 microampere leakage.
- A wide selection of long lasting, iron plated tips are available for the iron.
- Developed to meet the present and future needs of the electronic production industry, service technician and the hobbyist.

Part No.	Product No.	Manufacturer	Description	Output power W	Length (mm)	The range of control temperature °C	Static-proof Y/N	Weight (g)	Suitable voltage
6771	168-3C-110V	XYTRONIC	Temperature Controlled Soldering Iron	60W	210mm	150-450°C	N	1510g	110V
47798	168-3C-220V	XYTRONIC	Temperature Controlled Soldering Iron	60W	210mm	150-450°C	N	1510g	220V



**KEY FEATURES:**

- Specifically designed for LEAD FREE soldering.
- 100W 115/230VAC 50/60HZ
- 3 °C Temperature Stability
- Temperature Adjustable 0-450 °C ( 0-850 °F)
- 24VAC Hi-Recovery Nichrome Heating
- Auto Power Down Idle Circuitry 15 Minute Non-Operation
- 45 second Ramp Time to Max Temp setting
- Full Digital LED Readout both C or F

- Easy External Calibration Port (calibrate with Xytronic Model 191-Calibration Tester)
- Slim Line Ergonomic Pencil Design for max dexterity and comfort
- Meets or Exceeds MILSTD for CMOS Device Protection
- Full ESD Safe design-Grounded For Mid to Hi-Rel Soldering Applications

**SPECIFICATIONS**

Model		LF-1000
Main power	V.ac	As requested
Heater output	V.ac	32
Heater power	Watts	100
Soldering Iron		210ESD
Standard tip	*	44-415404 (44-016824)

Part No.	Product No.	Manufacturer	Description	Output power W	The range of control temperature °C	Suitable voltage
49266	210ESD	XYTRONIC	Temperature Controlled Soldering Iron /Pencil (FOR:LF1000)	100W	200°C-450°C	32V



Part No.	Product No.	Description	Solder Type
47696	28-020225-01	107 Soldering Iron Kits	107



**FEATURES:**

- Thermal control range adjustable from 250°C to 450°C (500°F to 850°F).
- Engineered with a highly insulated ceramic heating element with heater insulation exceeds 100 Mohms
- "Zero Voltage" switching and fully grounded design meets military application standards, CMOS Safe.
- Tip temperature is accurate to ±6°C(9°F) at idle.
- Fast heat up, instant heat recovery, and superior heat transmission.
- Ergonomic and slender soldering iron design with a comfortable sillicons rubber grip that prevents operator fatigue.
- Iron assembly is attached to the station using a non-burning sillicons rubber grounded power cord.
- All housing are molded of tough, high impact and high heat resistant polycarbonate resin (PC).
- Developed to meet the present and future needs of the electronic production industry, service technician and the hobbyist.

**SPECIFICATIONS**

Main Power (3-wire grounded)	100 ~ 120VAC, 60Hz
Heater Power Consumption	220-240VAC, 50Hz 45W at 350°C
Temperature Range	250 - 450°C (500 - 850°F)
Tip Leakage	Less than 2 mV
Tip to Ground Resistance	Less than 0.1 ohm
Stability @ idle	±5°C(9°F)
Heater Insulation	Over 100 Mohms

Part No.	Product No.	Manufacturer	Description	Output power W	Solder Type	The range of control temperature °C	Static-proof Y/N	Suitable voltage
40069	379-110V	XYTRONIC	Temperature Controlled Soldering Iron	45W	XY-B01	200°C-480°C	Y	110
40070	379-220V	XYTRONIC	Temperature Controlled Soldering Iron	45W	XY-B01	200°C-480°C	Y	220VAC



Part No.	Product No.	Description	Solder Type
47697	42-030102-03	107 Soldering Iron Kits	107

• We provide a wide range of products to development and maintenance engineers in all type of business

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