



## INLAND TEMPTROL 100™ SOLDERING IRON

**Cat. No. 2072**

Features a positive grip handle with easily accessible dial control for low to high temperatures. Includes 3/8" x 3" (9.5 x 76mm) clad steel chisel tip, which locks securely with threaded collar. 100 watts, 110 volts.

### ADDITIONAL TEMPTROL 100™ TIPS:



**Cat. No. 207218**  
Stepdown to 1/8" chisel



**Cat. No. 207214**  
Stepdown to 1/4" chisel



**Cat. No. 207238**  
3/8" chisel

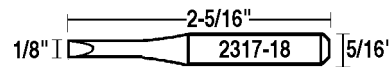


## INSTA-HEAT CERAMIC HEATER SOLDERING IRON

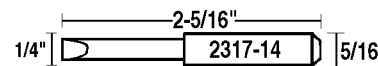
**Cat. No. 2317**

The Insta-Heat Ceramic Soldering Iron heats in 45 seconds. The element is expected to last twice as long as conventional soldering iron elements.

### ADDITIONAL INSTA-HEAT TIPS:



**Cat. No. 231718**  
Ceramic Heater 1/8" Tip



**Cat. No. 231714**  
Ceramic Heater 1/4" Tip

## ESICO SOLDERING IRONS

All ESICO Soldering Irons are designed to provide long, dependable service. Built around the famous ESICO mica-wound element, irons are engineered for quick heat production, transfer and recovery. Stainless steel stems ensure cooler handles. Flexible cords resist oil, heat and abrasion. Heating elements and all other components of ESICO Soldering Irons are easily replaced.

### MODELS 4080 & 4100 Replacement Tips:

- Cat. No. 21501**  
1/4" Chisel - 2-3/4" long
- Cat. No. 21502**  
1/8" Stepdown - 2-3/4" long
- Cat. No. 21503**  
1/4" Pyramid - 2-3/4" long
- Cat. No. 2150480**  
3/8" Mushroom - 2-3/4" long

## LIGHTWEIGHT IRONS

### For Copper Foil and Small Lead Came

Model 9460, 4080 and 4100 irons are used mostly for copper foil soldering. The 1/4" (6mm) tip is best suited for that purpose. If a broader tip is required for occasional use, a mushroom tip 3/8" (10mm) wide, with a 1/4" (6mm) shank is available. 120 volts.



- Cat. No. 2100** - Model 9460 (60 watt)
- Cat. No. 2101** - Model 4080 (80 watt)
- Cat. No. 2102** - Model 4100 (100 watt)

### MODEL 9460 Replacement Tips:

- Cat. No. 21511**  
1/4" Chisel - 2" long
- Cat. No. 21512**  
1/8" Stepdown - 2" long

## HEAVY DUTY IRONS

### For Copper Foil and Lead Came

The 6000 and 8000 Series irons have higher wattage and broader tips for lead soldering. While all of these irons generate about the same tip temperature, the higher wattage models hold the heat longer when soldering continuously on heavier lead, zinc and/or reinforcing bars. 120 volts.



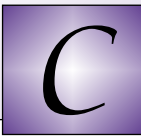
- Cat. No. 2103100** - Model 6100 (100 watt)
- Cat. No. 2103150** - Model 6150 (150 watt)
- Cat. No. 2103200** - Model 6200 (200 watt)
- Cat. No. 2105** - Model 8200 (200 watt)
- Cat. No. 2105250** - Model 8250 (250 watt)

### MODELS 6100, 6150 & 6200 Replacement Tips:

- Cat. No. 21521**  
3/8" Chisel - 4-3/8" long
- Cat. No. 21522**  
1/4" Stepdown - 4-3/8" long
- Cat. No. 21523**  
3/8" Pyramid - 4-3/8" long
- Cat. No. 21525**  
3/8" Bevel - 4-3/8" long

### MODELS 8200 & 8250 Replacement Tips:

- Cat. No. 21531**  
1/2" Chisel - 4-1/2" long
- Cat. No. 21532**  
1/4" Stepdown - 4-1/2" long



# Soldering Irons & Accessories

## WELLER/UNGAR SOLDERING IRONS



### 80 WATT MEDIUM DUTY IRON

**Cat. No. 2020SPG80**

Designed for hobby work, stained glass and minor repairs. The 3/8" (10mm) diameter tip develops a 900°F temperature. Soldering iron rest is included. Weight: 6 oz. (170g). Length: 9-3/4" (248mm). 120 volts. Includes 3/8" and 1/4" (10mm-6mm) tips.

#### REPLACEMENT TIPS

**Cat. No. 2020MTG20**  
3/8" Chisel Tip

**Cat. No. 2020MTG21**  
3/8" - 1/4" Chisel Tip

**Cat. No. 2020MTG22**  
Beading Tip



### TEMPERATURE CONTROL 100 WATT IRON

**Cat. No. 2020W100PG**

A high-quality, portable tool designed for production work with all the benefits of controlled output and temperature. Features a plug-in heating element barrel assembly that makes replacement simple and quick. Supplied with CT6F7 700°F 3/8" (10mm) tip. 600°F and 800°F temperature selection tips are also available. 6' (183cm) cord; 120 volts.

#### REPLACEMENT TIPS:

**Cat. No. 2020CT6D7** - 3/16" (700°)

**Cat. No. 2020CT6E6** - 3/8-1/4" (600°)

**Cat. No. 2020CT6E7** - 3/8-1/4" (700°)

**Cat. No. 2020CT6E8** - 3/8- 1/4" (800°)

**Cat. No. 2020CT6F6** - 3/8" (600°)

**Cat. No. 2020CT6F7** - 3/8" (700°)

**Cat. No. 2020CT6F8** - 3/8" (800°)



### 120 WATT HEAVY DUTY IRON

**Cat. No. 2020SP120**

Ideal for home, workshop, repairs, stained glass and hobbies. The 1/2" (13mm) diameter long-life iron-plated tip develops a 900°F temperature. 10oz. (283g) weight, the iron is 11-3/8" (289mm) long and includes a soldering iron rest. 120 volts.

#### REPLACEMENT TIP

**Cat. No. 2020MTG30**  
1/2" Chisel Tip



### MODEL 1140A

**Cat. No. 2120-1140A**

A 1000°F (538°C) tip temperature iron. 4033S interchangeable heater and integral iron-clad, silver-plated, long taper chisel-shaped tip. 120 volts.



### MODEL 1175

**Cat. No. 2120-1175**

High-performance 1000°F (538°C) interchangeable heater with replaceable iron clad, silver-plated, long taper chisel-shaped tip. 120 volts. Red handle.

### IRON-CLAD AND SILVER-PLATED REPLACEMENT TIPS



**2120PL113**  
1/8" Chisel  
(3mm)



**2120PL133**  
3/16" Chisel  
(4.8mm)



**2120PL350**  
3/8" Chisel  
(10mm)

## COMBINATION IRONS

Varied line of irons and iron combinations ideally suited for stained glass crafting. The irons are lightweight yet sturdy. The heater allows rapid heat recovery for continuous operation. U.L. listed. The handle and separate heater allow the user to have a range of temperatures for specific applications.



### SOLDERING IRON HANDLE

**Cat. No. 2120-7760**

Lightweight with thread-in socket. Complete with two conductor cords and plug. For use with soldering iron heaters and tips (see below).

## SOLDERING IRON HEATERS



**HEATER WITH  
45W CHISEL TIP**  
**Cat. No. 2120-4033S**

Iron-clad chisel tip with screw-in heater.  
1000°F (538°C), 120 volts, 45 watt tip temperature.



**HEATER WITH  
50W CHISEL TIP**  
**Cat. No. 2120-33**

Iron clad chisel tip with screw-in heater.  
1100°F (593°C), 120 volt, 50 watt tip temperature.



### HEATERS WITH THREADED END (LESS TIP)

**Cat. No. 2120-37** - Heater 1000°F (538°C), 120 volts, 50 watts.

**Cat. No. 2120-4037S** - Heater 900°F (482°C), 120 volts, 45 watts.



## 80 WATT SOLDERING IRON

**Cat. No. 231080**  
(Hakko Part No. 780F-02-V12E)  
Soldering iron with 1/4" chisel tip.

### REPLACEMENT TIP:

**Cat. No. 231480**  
(Hakko Part No. ED7)  
1/4" Chisel Tip for 80 watt iron.

### FEATURES INCLUDE:

- ✓ 110-120 volt operation.
- ✓ Cord strain relief.
- ✓ Copper-based tips, iron-plated and tinned.
- ✓ Nickel/Chromium heating element over-wrapped with mica insulation.
- ✓ Alumina-coated tip socket for longer life and less tip-to-socket freezing.
- ✓ Non-corroding brass connectors.
- ✓ Easily replaceable heating element.

## 100 WATT SOLDERING IRON

**Cat. No. 2310100**  
(Hakko Part No. 790F-02-V12E)  
Soldering iron with 5/16" chisel tip.

### REPLACEMENT TIP:

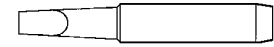
**Cat. No. 2314100**  
(Hakko Part No. ED8)  
5/16" Chisel tip for 100 watt iron.

## SUPER PRO 1000°F 60 WATT IRON

**Cat. No. 231060**  
(Hakko Part No. P456-16)  
Top of the line work horse! Solders copper foil without temperature loss. Unique design fits the tip over the ceramic heating element utilizing its full heat output. The larger ceramic element and tip design allows this lightweight iron to do the work of other higher wattage irons.



231460



2314601

### SPECIAL FEATURES:

- ✓ Outer steel case prevents tip from freezing to the heating element.
- ✓ Comfortable, cool handle.
- ✓ 3-wire connector.
- ✓ Spring strain relief.
- ✓ 3/16" (5mm) iron-clad copper tip.
- ✓ Optional 3/8" (10mm) chisel tip accessory.

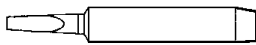
### REPLACEMENT TIPS:

**Cat. No. 231460** - 3/16" Chisel  
(Hakko Part No. A1026)

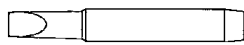
**Cat. No. 2314601** - 3/8" Chisel  
(Hakko Part No. A1179)

### SOLDERING IRON HOLDER:

SUPER PRO IRON may be used with **ANY Hakko Holder**.



231532 - 1/8" chisel



231565 - 1/4" chisel

## HAKKO TEMPERATURE CONTROLLED 85 WATT IRON

**Cat. No. 2315**  
(Hakko Part No. 918M-V12)  
Made of a ceramic heating element with a built-in temperature control sensor. This means faster, more stable control and no overheating. 85 watts, compact, lightweight and adjustable for decorative work. Guaranteed trouble-free for one year under normal use.

### REPLACEMENT TIPS:

**Cat. No. 231532** - Chisel Tip  
(Hakko Part No. 918-T-3.2D)

**Cat. No. 231565** - Wide Chisel  
(Hakko Part No. 918-T-6.5D)

### SOLDERING IRON HOLDER:

Temp. control iron may be used with **ANY Hakko Holder**.



## HAKKO RED 60 WATT IRON

**Cat. No. 2310-503**  
(Hakko Part No. 503F-V12ED)  
60 watt soldering iron designed especially for the new hobbyist. 9-1/2" (241mm) long and very lightweight, featuring a heavy plastic handle that remains cool while working. 3/16" (5mm) chisel tip is included.

### REPLACEMENT TIP:

**Cat. No. 2314503** - 3/16" Chisel  
(Hakko Part No. ED6)



## HAKKO HOT IRON CARRIER

(Hakko Part No. 605M)  
**Cat. No. 23112**  
A hot iron cozy! A must-have cover made of heat-insulating Kevlar so students can unplug their irons, cover them and go. No need to end class early to allow the irons to cool.

## FITS HAKKO SOLDERING IRON

**Cat. No. 2315**



## 100 WATT MEDIUM DUTY "PRO" BRAND SOLDERING IRON

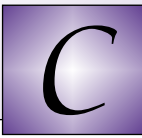
**Cat. No. 2118**  
The features of a more expensive iron at an affordable price for the novice. The heat coil produces sufficient heat for copper foil soldering. For lightweight, thinner came, a soldering iron control is recommended. Iron weight: 7oz. (198g); iron length: 11-5/8" (295mm). Complete with 3/8" (10mm) diameter chisel tip. Two-conductor cord. 100 watts, 110/220 V. A.C. Contoured natural finish hardwood handle.

### ADDITIONAL IRON TIPS AVAILABLE:

- Cat. No. 2152-1** 3/8" (10mm) Chisel Tip
- Cat. No. 2152-2** 1/4" (6mm) Stepdown Tip
- Cat. No. 2152-3** Pyramid Tip
- Cat. No. 2152-5** 3/8" (10mm) Bevel Tip

### REPLACEMENT TIP:

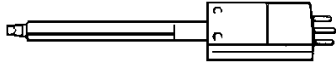
**Cat. No. 2118RT**  
Replacement Tip



# Weller Solder Gun, Replacement Iron Tips



**REPLACEMENT TIPS:**  
Cat. No. 2020GT7PR  
Powerhead Replacement



## WELLER SOLDER GUN

**Cat. No. 2020GT7A**

Solder Gun with temperature controlled solid state interchangeable powerhead. Long-lasting and lightweight. Cord is 5' (1524mm) long and plugs into any household outlet. Automatic switch limits tip temperature, preventing over-heating and extending its life. Convenient ejection button makes switching powerheads quick and easy. 120 volts, 150 watts, 60 Hz.

## WELLER IRON REPLACEMENT TIPS



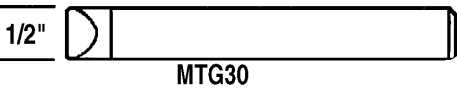
**Cat. No. 2020MTG20**  
3/8" Chisel Tip for SPG80 Iron



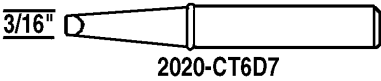
**Cat. No. 2020MTG21**  
3/8"-1/4" Chisel Tip for SPG80 Iron



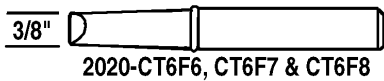
**Cat. No. 2020MTG22**  
Beading Tip for SPG80 Iron



**Cat. No. 2020MTG30**  
1/2" Chisel Tip for SP120 iron



**Cat. No. 2020-CT6D7**  
3/16" Tip (700°)



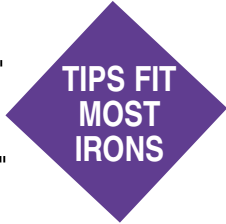
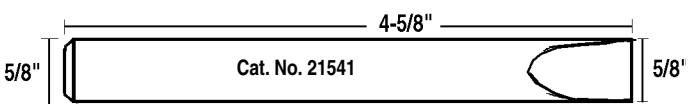
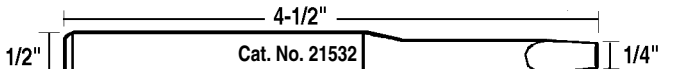
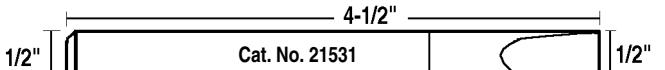
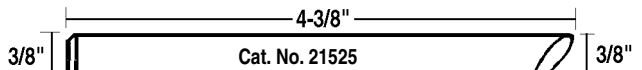
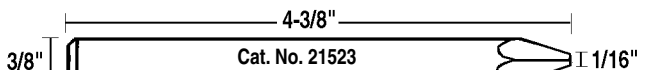
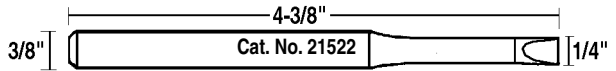
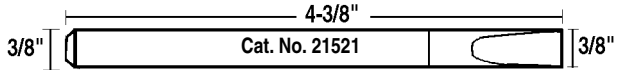
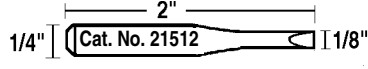
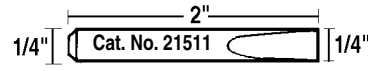
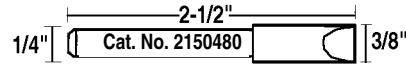
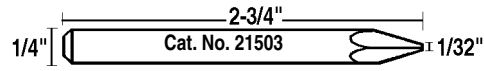
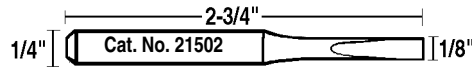
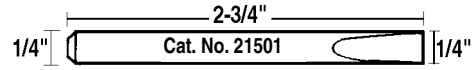
**3/8" TIPS FOR W100 IRON**  
3 temperature levels available:  
**Cat. No. 2020CT6F6** - 600° tip  
**Cat. No. 2020CT6F7** - 700° tip  
**Cat. No. 2020CT6F8** - 800° tip



3 temperature levels available:  
**Cat. No. 2020CT6E6** - 600° tip  
**Cat. No. 2020CT6E7** - 700° tip  
**Cat. No. 2020CT6E8** - 800° tip

## REPLACEMENT TIPS

Crafted with copper and iron-plated for long life. Nickel-plated over the iron for corrosion protection and chrome-plated to immunize the surface against solder. The tip is then pretinned. Replacement tips for most soldering irons (except Tempmatic). Measure present tip diameter and length when ordering replacement. Tip must seat to full depth of socket or coil may burn out.





## WELLER SOLDERING STATION

**Cat. No. 23074**

Controlled soldering for the hobbyist or professional. Adjustable heat from 5 to 80 watts lets you control temperature as needed. Basic station includes 80-watt stained glass iron. Station is complete with temperature controller and holder. 120 volts, 60 Hz.



## WELLER IRON STAND

**Cat. No. 23194**

PH100 stand consists of a base designed to hold a sponge for tip cleaning and a spring/funnel assembly used to hold the soldering iron. Spring/funnel is attached to the base at an angle of approximately 0 - 35° from the workbench. Fits W100 PG soldering iron.



## MIKA CONTEMPORARY SOLDERING IRON STAND

**Cat. No. 2189**

All solid steel construction with a heat resistant bakelite ring that is not heat conductive. Weighted bottom designed to prevent tipping. Fits most irons. Sponge tip cleaner is included.



## "PRO" HEAVY BASE STAND

**Cat. No. 2188**

This cast-iron base stand stays in place when iron is removed and replaced. Accommodates irons with shafts up to 3/4" diameter. Complete with sponge. Does not accept Weller W100PG iron.



## INLAND SOLDERING IRON STAND

**Cat. No. 2074**

Features a heavy cast iron base and coiled spring steel socket for soldering iron. Includes a well for a wiping sponge in the base.



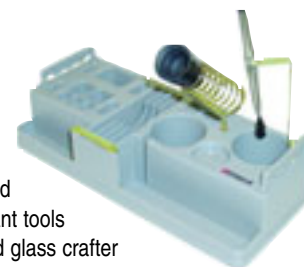
## INLAND SOLDER STATION™

**Cat. No. 21091**

Holds all soldering tools and equipment in one place—ready to use.

### Features include:

- ✓ High-impact plastic, impervious to hot solder drips.
- ✓ Built-in temperature controller (Mini-Phaser).
- ✓ Grounded top-mounted electrical outlet for soldering iron (115v or 230v).
- ✓ 5 ft. grounded power extension cord.
- ✓ Cord routing system.
- ✓ Wire coil-type soldering iron stand with tip cleaning sponge.
- ✓ Solder roll holder.
- ✓ Flux bottle well with a flux brush holder.
- ✓ Triangular flux sponge.
- ✓ Convenient plier/tool well.
- ✓ A catch-all tray for small items.
- ✓ Convenient size: 9-1/2" x 6" x 1-5/8" (241 x 152 x 41mm).



## TOOL ORGANIZER INLAND GLASS STATION

**Cat. No. 21211**

Complete tool organizer and work station. Holds important tools and supplies for the stained glass crafter such as pattern shears, glass cutters, tracing pens, breaker-grozers and soldering irons. 14" wide x 6" deep x 3-1/2" high (355 x 152 x 89mm). Retractable handles.

## SAFETY GLASSES & RESPIRATORS

### GREEN SHADE 2.5 SAFETY GLASSES

**Cat. No. 49692**

Snug-fitting with side shields on the temples. 55 x 50mm lenses. Provides partial protection from impact, ultraviolet and infrared rays. Plastic frames.



### SIDE SHIELD SAFETY GLASSES

**Cat. No. 24620**

Dark plastic frames with clear scratch-resistant plastic lenses and side shield. Adjustable length side temple bows. Meets ANSI Z87.1-1989 specifications for safety.



### TOP QUALITY SAFETY GLASSES

**Cat. No. 2460-550**

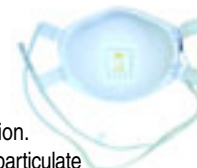
Provides a comfortable, lightweight, secure and positive seal contoured fit to the face. Can be worn with prescription glasses. Allows over 90° peripheral vision with no blur or distortion. Perforated frame allows ventilation. Meets all the requirements of ANSI Z87.1-1989 specifications for safety. Flexible, soft plastic frame.



### 3M DUST/MIST RESPIRATOR

**Cat. No. 2411**

Lightweight, comfortable and maintenance-free respiratory protection. 42CFR84 approved for non-oil based particulate contaminants. **NOTE:** Not suitable protection against gases, vapors or spray paint applications.



### 3M DISPOSABLE RESPIRATOR

**Cat. No. 241151**

42CFR84 rated for light duty application. Disposable particle respirator. Easily formed over nose bridge and held securely in place by two elastic loops which fit over the head. Package of 5.



Refer to Page B11 for Didymium Safety Glasses.

## TIP CLEANERS

### HAKKO TIP CLEANER

**Cat. No. 2312**

(Hakko Part No. 599)

Made of flux-dipped brass-wool. Requiring no water, it cleans the tip without temperature drop. Plunge the hot iron tip into the brass-wool to remove crust build-up. Brass case is 3" (76mm) in diameter. Non-skid buttons on the bottom.



### HAKKO TIP CLEANER REFILL

**Cat. No. 2312A**

(Hakko Part No. 599-029)

Refill media for Hakko Tip Cleaner.



### HAKKO IRON HOLDER & CLEANER

**Cat. No. 23114** - (Hakko Part No. 601)

Handy time-saver—never needs wetting. Made of temperature resistant materials with a non-skid base. It holds many kinds of soldering irons. 3.31" x 7.28" (84 x 80 x 185mm). Weighs 1.23 lbs. (560g). Fits Hakko Irons: Cat. Nos. 231060 & 2315.

### TIP CLEANING BLOCK

**Cat. No. 5070**

1/2 lb. (227g) package.

Solid brick of Sal-Ammoniac. Rub hot iron tip on brick to keep the tip bright and wet. Non-abrasive—will not damage tip.



### SOLDERING IRON TIP CLEANER

**Cat. No. 2183**

Soldering Iron Tip Cleaner includes tray of heat-resistant materials, skid-resistant feet and sponge. Cellulose sponge withstands heat far better than regular market sponges. Does not create fumes.



**Cat. No. 2183RF**

Refill sponge.

## SMOKE & FUME ABSORBERS

### HAKKO SMOKE ABSORBER

**Cat. No. 2313**

**Cat. No. 23131** - Replacement Filters

Pulls soldering fumes away from the iron safely, quickly and efficiently with a high performance, low noise fan. Filter is made of urethane foam with refined activated carbon which is of high absorbing quality. Takes up minimal work-table space. Includes three filters.



#### SPECIFICATIONS:

- ✓ Size: 8-3/4" x 10-5/8" x 6-5/8" (220 x 270 x 168mm)
- ✓ Weight: 3.31 lbs. (1500g)
- ✓ Power: 14 watts, 120 volts, 60 Hz AC
- ✓ Absorption capacity: 37.79 ft.<sup>3</sup>/min. (1.07m<sup>3</sup>/min.)
- ✓ Filter size: 5.1" x 5.1" x 0.4" (130 x 130 x 10mm)

### INLAND FUME TRAP™

**Cat. No. 21081**

**Cat. No. 21081FT** - Replacement Filters (3)

Self-contained fume absorber gets rid of vapors created while soldering. Small, light and easy to move around the bench top. Utilizes a two-stage filter. The activated charcoal portion "absorbs" gases such as hydrogen chloride and carbon dioxide. The small micron section accumulates evacuated lead vapors, keeping them away from the person who is soldering. Draws fumes from 12-14" away from unit. Made of stamped steel—grey fleck body with grey handle. 115 volt axial motor. One year warranty. Weighs 3 lbs., 9 oz. Measures: 5" x 5" x 6" (127 x 127 x 152mm).



### ANTI-BLOC PASTE

**Cat. No. 23196**

Also referred to as "Anti-Seize". A small application of Weller Anti-Bloc Paste keeps the socket end of soldering iron tips from freezing in place.



## SOLDERING IRON CONTROLS

### GLASTAR SOLDERING IRON CONTROL

**Cat. No. 2175**

Bi-metal regulator, more efficient and more reliable than a rheostat or a voltage control. Handles up to 1800 watts. Includes rubber feet and very detailed instructions for soldering lead using a control.



Glastar



### INLAND "MINI-PHASER"™ SOLDERING IRON CONTROL

**Cat. No. 2073**

Features solid state circuitry. Precise current adjustment with on/off LED indicator. Measures: 3-3/4 x 4-1/2" (95 x 114mm). 120 volts, 15 amps, 1800 watts.



### "PRO" SOLDERING IRON CONTROL

**Cat. No. 2173**

Solid state, 800 watts, 8 amps, 110 volts.