

**Ungar<sup>®</sup>**

**COOPER**  
CooperTools

# Ungar®

A market leader in the electronic hand tool business for over 50 years, Ungar has a complete line of high quality electronic soldering and SMT rework systems. Ungar also supplies a number of production aides and electronic pliers and shears.

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**U is an abbreviation for Ungar**

	PAGE NO.	PRODUCTION	MRO & SERVICE	DESOLDERING REWORK	HOT AIR	SURFACE MOUNT	MIL SPEC	ESD	TEST	DISPENSING	CORDLESS	LOCKOUT	HOBBYIST	HEAT GUN
9900AS	2	•					•	•						
921ZX1	3	•	•				•	•				•		
UTC	4		•				•	•						•
4924	11			•			•	•						
4624	12			•			•	•						
4024	13			•			•	•						
2024	14			•			•	•						
SM1000	17				•	•		•						
6966C	29													•
6970	29													•
1095	30													•
FD2-2	18									•				

# Electronic soldering systems

## 9900AS systems



ESD SAFE



- Electronically (closed loop) controlled, variable temperature (550°F - 850°F), system designed for full range of electronic production
- Choice of two application-oriented 24v quick-connect soldering irons
- Advanced ceramic heater technology
- Electrostatic dissipative (ESD safe), UL listed
- Ideal for work on voltage-sensitive components
- Optional items include snap-in temperature lock and calibration lock
- Meets Mil Specs: MIL-STD-2000, DOD-STD-2000-1B, WS6536E, MIL-S-45743E
- Replacement tips: 9000 series page Ungar 22; 9900 series page Ungar 23

Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
9900AS	037103035417	Power unit-Output 24v	120	60	60	3.00	1.35	1
9930AS	037103035639	Complete station w/9931AS iron & holder				4.00	1.80	1
9902	037103035431	Temperature lock (OPTIONAL)				0.07	0.03	1
9907	037103035479	Calibration lock (OPTIONAL)				0.03	0.02	1
<b>Replacement Parts</b>								
9901	037103035424	Sponge				0.01	0.004	20
9923UG	037103035608	Iron holder assembly				-	-	1
9932	037103035653	Tip retainer assy. for Standard series tips				0.04	0.02	1
9933	037103039705	Tip retainer assy. for Thermal Thrust				0.05	0.02	1
9908	037103035486	Replacement heater assy./9911AS				0.03	0.02	1



Station No.: **9930AS**  
**9931AS** Macro-size iron,  
**9960** tip and iron holder

**NEW**

**921ZX1**

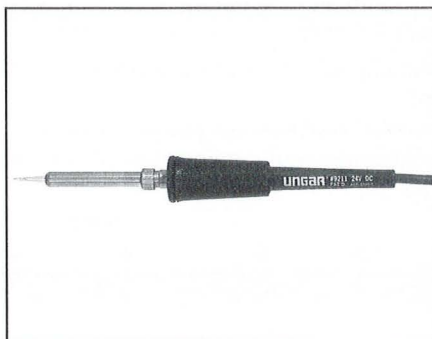


Ungar®

- Electronically controlled - ZERO CROSS circuitry
- SPIKE FREE - ESD SAFE
- Ceramic heater rated for exceptionally long life
- Variable control-fully adjustable 550° - 850°F
- Lightweight hand piece
- Over 39 tips available including SMT tips
- External Fuse and Calibration Access
- Temperature Lockout Available
- Small Footprint - less bench space
- Meets Mil specs.: Mil-STD-2000, DOD-STD-2000-1B, W56536E, Mil-5-45743E
- 9000 series tips listed on page Ungar 22
- UL listed



Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
921ZX1	037103089281	Soldering station/9018 tip	120	60*	60	3.7	1.68	1
<b>The following is available only to authorized export distributors. Units not VDE or GS approved.</b>								
921ZX1D	037103095114	Soldering station/9018 tip	230	60*	50	3.7	1.68	1
<i>* Handle wattage is rated at full load. Idle wattage is approximately 20 watts.</i>								
<b>Accessories and Replacement Parts</b>								
9904	037103035455	Replacement sponge				0.01	0.005	10
2115	037103031624	Temperature lockout kit				0.075	0.034	1
9908	037103035486	Replacement heating element				0.027	0.012	1
9037	037103035042	Tip retainer assembly for Standard tips				0.03	0.014	1
9919	037103035578	Tip retainer assembly for Thermal Thrust tips				0.03	0.014	1



Catalog No.: **9211**  
Iron for 921ZX1 w/9018 tip



Catalog No.: **9904**  
Sponge for 921ZX1

# Irons for electronic soldering systems

## 9911AS



ESD SAFE



- Slim, micro-sized soldering iron assembly ideal for precision work
- Features replaceable ceramic heater
- For use with following UNGAR® units: 2024, 4024, 4624, 4924, 9900 series
- Uses Standard tips 9010 thru 9052 as well as Thermal Thrust tips 9056 thru 9061 for high capacity soldering listed on page Ungar 22
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
9911AS	037103035530	Micro-size iron w/9012 tip	24	40	-	0.37	0.16	1
<b>Replacement parts</b>								
9908	037103035486	Ceramic heater for 9911AS iron	-	-	-	0.03	0.01	1
9037	037103035042	Tip retainer for Standard series tips	-	-	-	0.04	0.02	1
9919	037103035578	Tip retainer for Thermal Thrust tips	-	-	-	0.03	0.01	1

## 9931AS



ESD SAFE



- Durable macro-sized soldering iron assembly capable of handling the tougher jobs, such as multi-layer boards, heavy ground planes and production work
- For use with the following UNGAR® units: 2024, 4024, 4624, 4924, 9900 series
- Uses Standard tips 9960-9977, 9979, 9985, 9986 as well as Thermal Thrust tips 9978, 9980-9984 for high capacity soldering listed on page Ungar 23
- Tips slide on to permanent, break-resistant ceramic heater
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
9931AS	037103035646	Micro-size iron w/9960 tip	24	-	-	0.37	0.16	1
<b>Replacement parts</b>								
9932	037103035653	Tip retainer for Standard series tips	-	-	-	0.04	0.02	1
9933	037103039705	Tip retainer for Thermal Thrust tips	-	-	-	0.05	0.02	1

## 9211



ESD SAFE



- Slim, micro-sized soldering iron assembly for precision work
- Uses Standard tips 9010 thru 9052
- Uses Thermal Thrust tips 9056 thru 9061 for high capacity soldering - listed on page Ungar 22
- Uses Weller® SMT tips with Ungar 4618 tip adapter
- Exceptionally reliable and long-lasting ceramic heating element
- Replacement element just plugs in - no tools required
- Safe, lightweight and comfortable 24v handle
- UL listed

**NEW**

Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
9211	037103089298	Micro-size iron w/9018 tip	24	-	-	0.37	0.16	1
<b>Replacement parts</b>								
9908	037103035486	Ceramic Heater	-	-	-	0.03	0.01	1
9037	037103035042	Tip retainer for Standard series tips	-	-	-	0.04	0.02	1
9919	037103035578	Tip retainer for Thermal Thrust tips	-	-	-	0.03	0.01	1

# 9911HC



ESD SAFE

- Slim, micro-sized soldering iron assembly equipped with Thermal Thrust tip for high capacity production soldering
- 40% more capacity than 9911AS
- Features replaceable ceramic heater
- For use with the following UNGAR® units: 2024, 4024, 4624, 4924, 9900 series
- Uses Thermal Thrust tips 9056 thru 9061 for high capacity soldering listed on page Ungar 22
- UL listed



Ungar®

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
9911HC	037103035547	Micro-size iron w/9060 tip	0.37	0.16	1
<b>Replacement parts</b>					
9908	037103035486	Ceramic heater for 9911HC iron	0.03	0.01	1
9037	037103035042	Tip retainer for Standard series tips	0.04	0.02	1
9919	037103035578	Tip retainer for Thermal Thrust tips	0.03	0.01	1

# 2111AS



ESD SAFE

- Iron assembly used with UNGAR® 2110S soldering system
- Features replaceable ceramic heater
- Uses Standard tips 9010 thru 9054 listed on page Ungar 22
- Performs virtually all soldering tasks
- UL listed



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
2111AS	037103031594	Soldering iron w/9012 tip	0.37	0.16	1
<b>Replacement parts</b>					
9908	037103035486	Ceramic heater for 2111AS iron	0.03	0.01	1
2108S	037103031532	Tip retainer for Standard series tips	0.03	0.01	1
2106T	037103031501	Tip retainer for Thermal Thrust tips	0.03	0.01	1

# 2111AT



ESD SAFE

- Iron assembly used with UNGAR® 2110T soldering system
- Features replaceable ceramic heater
- Uses Thermal Thrust tips 9056 thru 9061 for high capacity soldering listed on page Ungar 22
- Performs virtually any high capacity soldering task
- UL listed



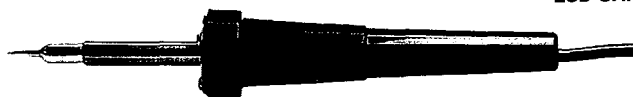
Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
2111AT	037103031600	Soldering iron w/9058 tip	0.37	0.16	1
<b>Replacement parts</b>					
9908	037103035486	Ceramic heater for 2111AT iron	0.03	0.01	1
2108S	037103031532	Tip retainer for Standard series tips	0.03	0.01	1
2106T	037103031501	Tip retainer for Thermal Thrust tips	0.03	0.01	1

# UTC131



ESD SAFE

- Macro-size iron assembly used with UNGAR® UTC100 soldering system
- Uses 1/4" iron clad or copper, plated PL series thread-on tips listed on page Ungar 24
- Use adapter #100 for 1/8" thread-in PL series tips listed on page Ungar 25
- See iron fume extraction adapter kit table on page Weller 28
- UL listed



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
UTC131	037103037848	Macro-size iron w/o PL100 tip	0.37	0.16	1

## UTC231



ESD SAFE



- Micro-size iron assembly for UNGAR® UTC200 soldering system
- Features replaceable long life ceramic heater
- Uses Standard tips 9010 thru 9054 listed on page Ungar 22
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	Shelf Pack Wt.		shelf Pack
			lb	kg	
UTC231	037103037882	Micro-size iron w/9012 tip	0.37	0.16	1
<b>Replacement parts</b>					
UTC233	037103037905	Ceramic heater for UTC231 iron	-	-	1
9037	037103035042	Tip retainer for Standard series tips	0.03	0.01	1
9060	037103035202	Tip retainer for Thermal Thrust tips	0.03	0.01	1

## UTC241



ESD SAFE



- Micro-size iron assembly for UNGAR® UTC200HC soldering system
- Features replaceable ceramic heater
- Uses Thermal Thrust tips 9056 thru 9061 for high capacity soldering listed on page Ungar 22
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
UTC241	037103037930	Micro-size iron w/9060 tip	0.37	0.16	1
<b>Replacement parts</b>					
UTC233	037103037905	Ceramic heater for UTC241 iron	0.04	0.02	1
9037	037103035042	Tip retainer for Standard series tips	0.03	0.01	1
9060	037103035202	Tip retainer for Thermal Thrust tips	0.03	0.01	1

## UTC331



ESD SAFE



- Macro-sized high capacity iron assembly for UNGAR® UTC300 soldering system
- Quick recovery for production environment
- Uses Standard tips 9960 thru 9986 as well as Thermal Thrust tips 9978 thru 9984 for high capacity soldering listed on page Ungar 23
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
UTC331	037103037954	Macro-size iron w/9960 tip	0.37	0.16	1
<b>Replacement parts</b>					
9932	037103035653	Tip retainer for Standard series tips	0.04	0.02	1
9933	037103039705	Tip retainer for Thermal Thrust tips	0.05	0.02	1



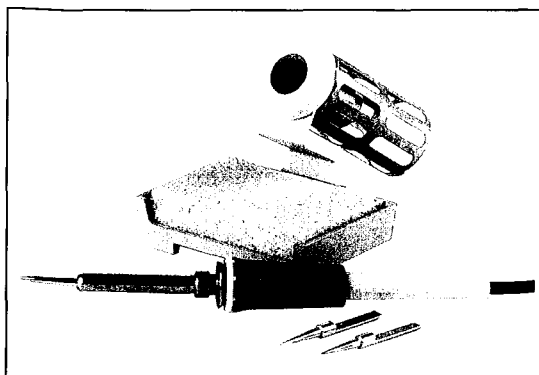
# Professional soldering iron Temperature regulated - 9300 series

Ungar®

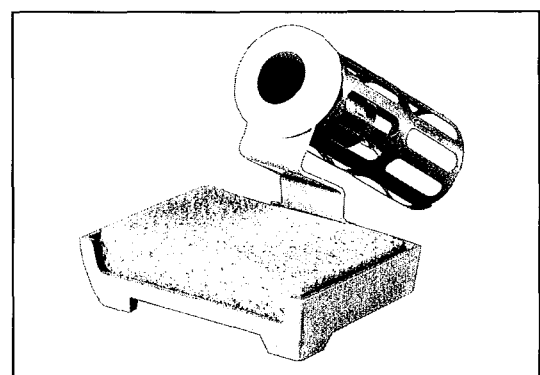


- Designed for fast heat up, quick recovery and high thermal efficiency for precision soldering applications
- Micro-size grounded handle
- Break-resistant ceramic heater
- Comfortable, cool grip for sustained work
- Slim profile for working in tight areas
- 3-wire grounded irons w/burn resistant cord
- **#9375 kit includes:** 9370 iron, three tips (9010, 9011, 9012) and 9800 iron holder
- 9054 adapter for 1/8" thread-in Princess tips
- Uses Standard tips 9010-9052, as well as Thermal Thrust tips 9056-9061, listed on page Ungar 22
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
9370	037103039699	Micro-size iron w/9012 tip (700°F)	1.50	0.67	6
9380	037103035387	Micro-size iron w/9012 tip (800°F)	1.50	0.67	6
<b>Replacement parts</b>					
9347	037103035318	Ceramic heater for 9370 iron	-	-	1
9348	037103035328	Ceramic heater for 9380 iron	-	-	1
9054	037103035110	Adapter for 1/8" thread-in Princess tips	-	-	2
9037	037103035042	Tip retainer for Standard series tips	0.04	0.02	1
9919	037103035578	Tip retainer for Thermal Thrust tips	0.03	0.01	1



Catalog No.: **9375**  
Soldering iron kit



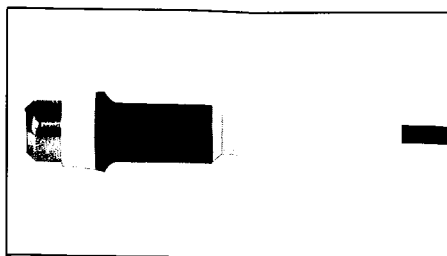
CATALOG No.: **9800**  
Iron holder

# Standard series modular irons

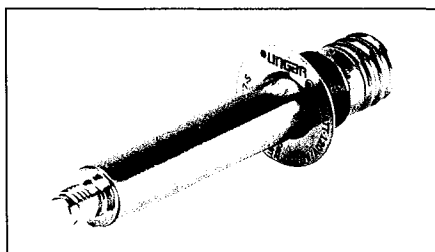


- Modular soldering irons utilize traditional UNGAR® interchangeable handles, heaters and tips for custom applications and maintenance
- Handles of SL325, SL335, SL435 are 3-wire grounded
- Handle of SL500 is RED and 2-wire grounded
- Irons have 6' cord and feature cool, "soft touch", acid and flux resistant grips
- Use 9800 or 8800 iron holder
- See iron fume extraction adapter kit table on page Weller 28
- UL listed

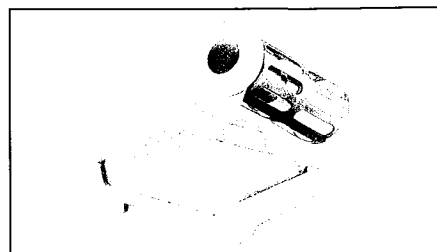
Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
SL325	037103037268	7400 handle, 537S-23w heater, PL111 tip	2.80	1.26	6
SL335	037103037284	7400 handle, 1237S-33w heater, PL113 tip	2.90	1.31	6
SL345	037103039897	7400 handle, 4037S-45w heater, PL133 tip	2.90	1.31	6
SL500	037103039910	7760 handle, 37-50w heater, PL133 tip	10.00	4.52	6
<b>Replacement parts</b>					
7400	037103034854	3-wire grounded handle w/standard cord	-	-	10
7500	037103034885	3-wire grounded handle w/burn resistant cord	-	-	10
7760	037103034922	2-wire RED handle	-	-	10
7770	037103034953	2-wire BLUE handle	-	-	10
533S	037103030436	23w heater, long chisel tip-800°F	-	-	10
535S	037103030467	23w heater for thread-in tips-700°F	-	-	10
536S	037103030498	23w heater, pyramid tip-900°F	-	-	10
537S	037103030528	23w heater for thread-on tips-700°F	-	-	10
539S	037103030566	23w heater, short chisel tip-900°F	-	-	10
1233S	037103030924	33w heater, long chisel tip-900°F	-	-	10
1235S	037103030955	33w heater for thread-in tips-800°F	-	-	10
1236S	037103030986	33w heater, pyramid tip-900°F	-	-	10
1237S	037103031013	33w heater for thread-on tips-800°F	-	-	10
1239S	037103031068	33w heater, short chisel tip-1000°F	-	-	10
4033S	037103031914	45w heater, long chisel tip-1000°F	-	-	10
4035S	037103031952	45w heater for thread-in tips-900°F	-	-	10
4036S	037103031983	45w heater, pyramid tip-1100°F	-	-	10
4037S	037103032010	45w heater for thread-on tips-900°F	-	-	10
4039S	037103032041	45w heater, short chisel tip-1100°F	-	-	10
33	037103029362	50w heater, long chisel-tip-1100°F	-	-	10
37	037103029386	50w heater for thread-on tips-1000°F	-	-	10



Catalog No.: **7400**  
Handle



Catalog No.: **537S**  
23 watt heater



Catalog No.: **9800**  
Iron holder

# Weller/Ungar Pro Plus™ Series Irons 40S, 60S, 100S, 60H

Ungar®



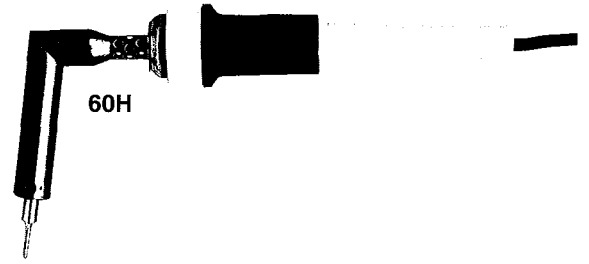
40S



100S



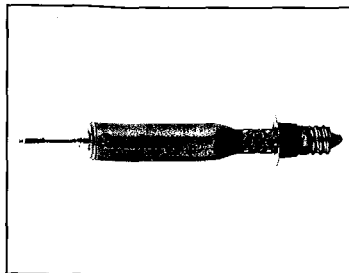
60S



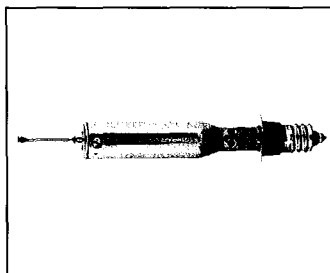
60H

- Quick and easy-to-change heating element reduces downtime and increases productivity
- Wide selection of tips in different sizes and styles
- Easily replaceable long-lasting iron-plated tips
- Comfortable cushioned-grip handle stays cooler
- Every model is UL listed and comes with a 3-wire grounded plug
- All tips must be ordered separately. See page Ungar 26

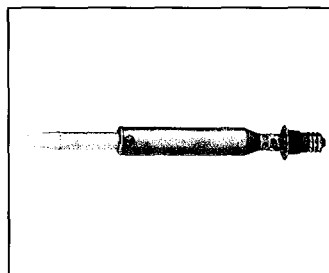
Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
<b>PROPLUS SERIES SOLDERING IRONS</b>								
40S	037103087546	40-watt iron without tip - Straight	120	40	50/60	-	-	6
60S	037103080282	60-watt iron without tip - Straight	120	60	50/60	-	-	6
60H	037103087539	60-watt iron without tip - Hatchet	120	60	50/60	-	-	6
100S	037103090321	100-watt iron without tip - Straight	120	100	50/60	-	-	6
<b>PROPLUS SERIES HEATING ELEMENTS</b>								
40Smod	037103083494	Straight 40-watt Heater	-	40	-	-	-	6
60Smod	037103079497	Straight 60-watt Heater	-	60	-	-	-	6
60Hmod	037103083500	Hatchet 60-watt Heater	-	60	-	-	-	6
100Smod	037103084590	Straight 100-watt Heater	-	100	-	-	-	6



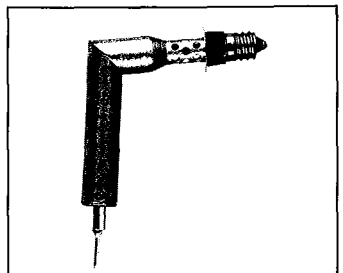
Catalog No.: **40Smod**  
Heater, 40 watt w/o tip



Catalog No.: **60Smod**  
Heater, 60 watt w/o tip



Catalog No.: **100Smod**  
Heater, 100 watt w/o tip



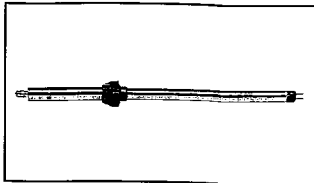
Catalog No.: **60Hmod**  
Heater, 60 watt w/o tip

## Imperial series

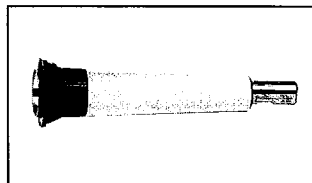


- For continuous production line and service on larger connections, sub-assemblies and systems applications
- Heat cartridges available: 25 watt/700°F, 35 watt/800°F, 45 watt/900°F, 55 watt/1000°F
- Uses thread-on tips 6304 thru 6481 for Imperial heaters listed on page Ungar 27
- **#6010 Imperial kit includes:** 6100 handle, 6102 2-wire cord set, 6200 45w heat cartridge and three soldering tips (6312, 6318 and 6331)
- UL listed

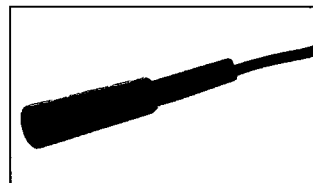
Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
6010	037103034137	Imperial iron kit	5.75	2.60	12
6100	037103034151	Perma-cool handle	1.50	0.67	10
6102	037103034168	2-wire cord set	2.50	1.13	10
6103	037103034175	3-wire cord set	3.30	1.49	10
6200	037103034182	45w heater-900°F	1.50	0.67	10
6201	037103034199	35w heater-800°F	1.50	0.67	10
6202	037103034209	25w heater-700°F	1.50	0.67	10
6203	037103034212	55w heater-1000°F	1.50	0.67	10



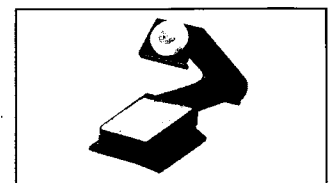
Catalog No.: **6200**  
Heater: 45 watt/900°F



Catalog No.: **6100**  
Perma-cool handle



Catalog No.: **6102**  
2-wire cord set



Catalog No.: **8800**  
Iron holder assembly

## DI (double insulated) series

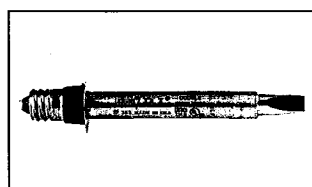


- Bio-mechanical handle design (#5550) has flexible heat-resistant, double insulated 2-wire cord set
- "Soft touch" cool, molded grip for operator comfort and control in production line use
- DI handles and heaters tested in accordance with UL specifications for double insulation
- Twice the dielectric values of standard UL listed electrical products
- Three heaters available which use "PL" series thread-on tips and one heater w/integral chisel tip
- See iron fume extraction adapter kit table on page Weller 28

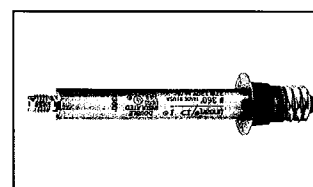
Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
5550	037103034090	Double insulated 2-wire handle	2.50	1.13	10
360	037103030184	27w/700°F heater-uses 1/4" thread-on tips	0.75	0.33	10
361	037103030191	35w/800°F heater-uses 1/4" thread-on tips	0.75	0.33	10
362	037103030207	45w/900°F heater-uses 1/4" thread-on tips	0.75	0.33	10
363	037103030221	45w/1000°F heater, integral chisel tip	0.75	0.33	10



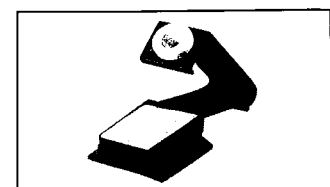
Catalog No.: **5550**  
Double insulated 2-wire handle



Catalog No.: **363**  
45w/1000°F integral chisel tip



Catalog No.: **360,361,362**  
27w/700°F; 35w/800°F;  
45w/900°F heaters



Catalog No.: **8800**  
Iron holder assembly

# NEW

## 4924 series rework stations



- **Self-contained**, ESD-safe rework station handles virtually all repair and rework applications, UL listed
- Temperature control for either of two anti-static desoldering handles; Temp. variation: 500°F - 850°F
- Temperature control for either one of two quick-connect 24VAC anti-static soldering irons; Temp. variation: 550°F - 850°F
- Desoldering vacuum switches to positive air flow for heat gun applications
- Power supply with three voltage ranges permits broad range use of optional tools
- Foot pedal switch or continuously powered machine center
- **#4924P** consists of: power base, 4310 machine center motor, 5098AS desoldering pistol, 9931AS macro soldering iron, 9911AS micro soldering iron, 8800 deluxe iron holder (shown)
- **#4924IL** same as #4924P but with 5088AS pencil-style desoldering iron in place of 5098AS pistol-style desoldering iron
- 4000 series tiptlets listed on page Ungar 27



4924P

Ungar®

Cat. No.	UPC No.	Description	Power Unit			Shelf Pack Wt.		Shelf Pack
			V	W	Hz	lb	kg	
4924P	037103088611	Rework station-Output 24V	120	480	60	17.70	8.00	1
4924IL	037103088598	Rework station-Output 24V	120	480	60	17.70	8.00	1
<b>The following is available only to authorized export distributors. Units not VDE or GS approved.</b>								
4924PD	037103091871	Rework station-Output 24V	230	115	50/60	17.70	8.00	1
4924ILD	037103091888	Rework station-Output 24V	230	115	50/60	17.70	8.00	1

### Standard accessories:

For: 4924P, 4924IL



Catalog No.: **9931AS**  
Macro-size iron - 24v, 9960 tip

For: 4924P



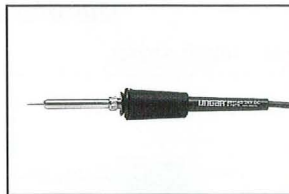
Catalog No.: **5098AS**  
Pistol-style desoldering tool - 24v, 4006 tiptet

For: 4924P, 4924IL



Catalog No.: **4310**  
Machine center motor for milling, drilling and grinding

For: 4924P, 4924IL



Catalog No.: **9911AS**  
Micro-size iron - 24v, 9012 tip

For: 4924IL



Catalog No.: **5088AS**  
Pencil-style desoldering iron, 4006 tiptet

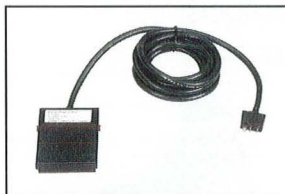
For: 4924P, 4924IL



Catalog No.: **8800**  
Iron holder assembly

### Optional accessories:

For: 4924P, 4924IL



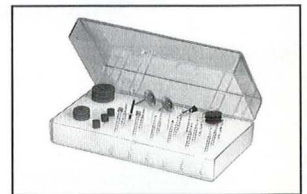
Catalog No.: **2003**  
Foot pedal

For: 4924P, 4924IL



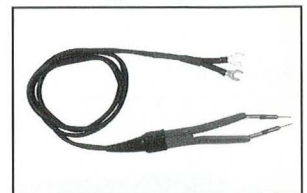
Catalog No.: **4912**  
Thermal wire stripper (large)

For: 4924P, 4924IL



Catalog No.: **4911**  
Accessory kit for 4310 motor

For: 4924P, 4924IL



Catalog No.: **4913**  
Resistance soldering tweezers

# 4624 series rework stations

**NEW**



4624P

- **Self-contained**, ESD-safe soldering and desoldering system, UL listed and CUL-listed
- Operates either pencil or pistol-grip style desoldering handles. Temperature variation: 500°F - 850°F
- Also operates any one of two 24VAC quick-connect soldering irons. Temperature variation: 550°F - 850°F
- Rapid heat-up and vacuum response increases production (electronic repair, rework or modification)
- **#4624P** consists of: power base, 5098AS desoldering Pistol, 9931AS soldering iron, 400 sponge & tray (shown)
- **#4624IL** same as 4624P but with a 5088AS pencil-style desoldering iron in place of the 5098AS pistol-style desoldering iron
- SPEC. COMPLIANCE: MIL-STD-2000, DOD-STD-2000-1B, WS-6536E, MIL-S-46743E
- 4000 series tiptlets listed on page Ungar 27

Cat. No.	UPC No.	Description	Power Unit			Shelf Pack Wt.		Shelf Pack
			V	W	Hz	lb	kg	
4624P	037103088628	Rework station-Output 24V	120	115	60	10.20	4.61	1
4624IL	037103088635	Rework station-Output 24V	120	115	60	10.20	4.61	1
<b>The following is available only to authorized export distributors. Units not VDE or GS approved.</b>								
4624PD	037103091895	Rework station-Output 24V	230	115	50/60	10.20	4.61	1
4624ILD	037103091901	Rework station-Output 24V	230	115	50/60	10.20	4.61	1

### Standard accessories:

For: 4624P, 4624IL



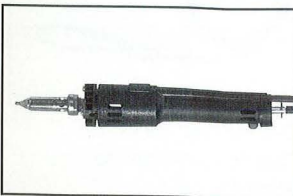
Catalog No.: **9931AS**  
Macro-size iron - 24v

For: 4624P



Catalog No.: **5098AS**  
Pisto-style desoldering iron, 4006 tiplet

For: 4624IL



Catalog No.: **5088AS**  
Pencil-style desoldering iron, 4006 tiplet

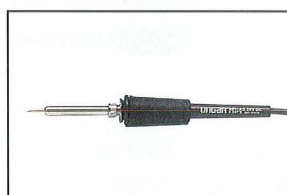
For: 4624P, 4624IL



Catalog No.: **400**  
Sponge and tray

### Optional accessories:

For: 4624P, 4624IL



Catalog No.: **9911AS**  
Micro-size iron - 24v, 9012 tip

**NEW**

# 4024 series rework stations



Ungar®

- ESD-safe variable temperature, electronically controlled desoldering system (precise, closed loop electronic control)
- Totally **self-contained with internal pump**
- Operates pencil or pistol-grip style anti-static desoldering handle. Temperature variation: 500°F-850°F
- Designed for continuous production use
- **#4024P** consists of: power base, 5098AS pistol-style desoldering iron
- **#4024IL** consists of: power base, 5088AS pencil-style desoldering iron (shown)
- SPEC. COMPLIANCE: MIL-STD-2000, DOD-STD-2000-1B, WS-6536E, MIL-S-45743E
- 4000 series triplets listed on page Ungar 27
- UL listed



4024IL

Cat. No.	UPC No.	Description	Power Unit			Shelf Pack Wt.		Shelf Pack
			V	W	Hz	lb	kg	
4024P	037103088550	Rework station-Output 24V	120	60	60	9.10	4.11	1
4024IL	037103088574	Rework station-Output 24V	120	60	60	9.10	4.11	1
<b>The following is available only to authorized export distributors. Units not VDE or GS approved.</b>								
4024PD	037103091918	Rework station-Output 24V	230	115	50/60	9.10	4.11	1
4024ILD	037103091925	Rework station-Output 24V	230	115	50/60	9.10	4.11	1



Catalog No.: **4024P**  
**5098AS** pistol-style desoldering iron

For: **4024P**



Catalog No.: **5098AS**  
Pistol-style desoldering iron, 4006 triplet

For: **4024IL**



Catalog No.: **5088AS**  
Pencil-style desoldering iron, 4006 triplet

# 2024 series rework stations

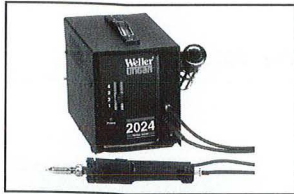
**NEW**



2024P

- ESD-safe desoldering system **utilizes shop air**
- Operates with either pencil or pistol-grip style anti-static handle
- Temperature variation: 500°F - 850°F
- Used for electronic repair, rework or modification
- Rapid heat-up and vacuum response increases production
- **#2024P** consists of power base, 5098AS pistol-style desoldering iron (shown)
- **#2024IL** consists of power base, 5088AS pencil-style desoldering iron
- SPEC. COMPLIANCE: MIL-STD-2000, DOD-STD-2000-1B, WS-6536E, MIL-S-45743E
- UL listed
- 4000 series tiptlets listed on page Ungar 27

Cat. No.	UPC No.	Description	Power Unit			Shelf Pack Wt.		Shelf Pack
			V	W	Hz	lb	kg	
2024P	037103088567	Rework station-Output 24V	120	60	60	8.60	3.89	1
2024IL	037103088543	Rework station-Output 24V	120	60	60	8.60	3.89	1
<b>The following is available only to authorized export distributors. Units not VDE or GS approved.</b>								
2024PD	037103091932	Rework station-Output 24V	230	60	50/60	8.60	3.89	1
2024ILD	037103091949	Rework station-Output 24V	230	60	50/60	8.60	3.89	1



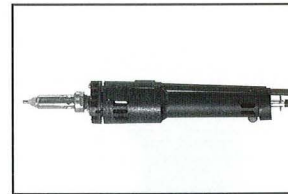
Catalog No.: **2024IL**  
**5088AS** pencil-style desoldering iron

For: 2024P



Catalog No.: **5098AS**  
Pistol-style desoldering iron, 4006 tiptlet

For: 2024IL



Catalog No.: **5088AS**  
Pencil-style desoldering iron, 4006 tiptlet



# Manual desoldering tools

## 7881

- Powerful, heavy-duty, spring-loaded vacuum for complete solder removal
- Design includes cushioned plunger, easy thumb activation and ribbed pencil grip
- Constructed of static-dissipative material with surface resistivity of  $10^9$  ohms/sq. for component protection



ESD SAFE

Ungar®



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
7881	037103030474	Desoldering pump-ESD-safe	3.00	1.35	10
<b>Replacement parts</b>					
7883	037103030535	Tip, static dissipative for 7881	0.31	0.14	10

## 7880

- Powerful, heavy-duty, spring-loaded vacuum for complete solder removal
- Design includes cushioned plunger, easy thumb activation and ribbed pencil grip
- Heat-resistant Teflon\* tips
- \*Teflon is a Registered Trademark of DuPont



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
7880	037103030283	Desoldering pump-standard	3.00	1.35	10
<b>Replacement parts</b>					
7882	037103030504	Tip for 7880	0.31	0.14	10

## 7874B

- One hand operation with spring-loaded piston provides ESD safe, solder removing vacuum
- Self-cleaning, non-clogging, static-free replaceable tip

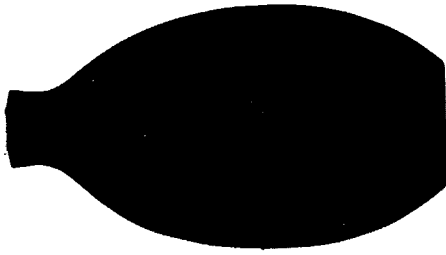


ESD SAFE



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
7874B	037103039637	Desoldering pump, Anti-static	2.50	1.13	10
<b>Replacement parts</b>					
7875B	037103035031	Tip, anti-static for 7874B	0.31	0.14	10

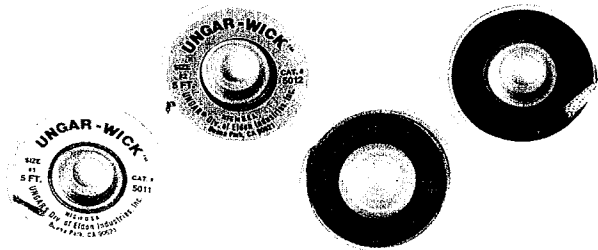
# 7805



- Desoldering bulb with T.F.E. tip facilitates accurate printed circuit repair and cleaning
- May be used with soldering iron

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
7805	037103034984	Solder-off bulb	0.87	0.39	10

## 5011, 5012, 5013, 5014 wicks



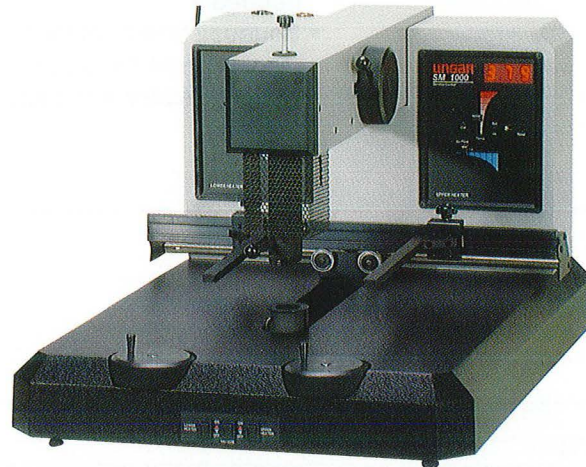
- Woven copper for absorbing heated solder
- Use in confined areas in place of desoldering tool
- Contains rosin flux

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
5011	037103034052	#1 Ungar wick, .025" x 5'	6.50	2.94	25
5012	037103034069	#2 Ungar wick, .050" x 5'	6.50	2.94	25
5013	037103034076	#3 Ungar wick, .075" x 5'	6.50	2.94	25
5014	037103034083	#4 Ungar wick, .100" x 5'	6.50	2.94	25

# Surface mount products SM1000 system configurations

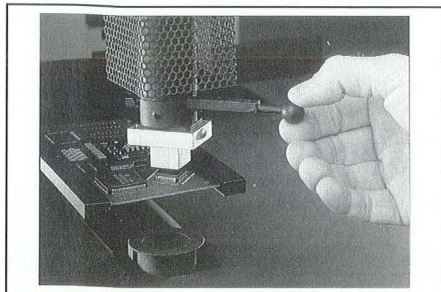


Ungar®

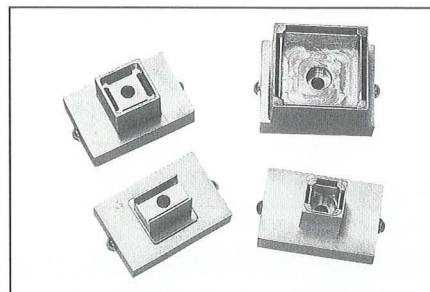


- Complete, **self-contained** service center which uses precisely controlled heated air to remove and replace surface mounted devices quickly and safely
- Exceptionally fast heat up; PCB capacity: 16" x 20"
- Independent, electronic closed loop control of upper and lower heaters
- Air supply: (self-contained); Vacuum: (self-contained)
- Two separate theta controls
- Retractable heater for unrestricted work inspection
- Removes and replaces wide range of components including: gull-wing, J-lead, connectors, leadless chip carriers, through-hole devices
- Optional lower heater with control panel and digital display for work on heavy multi-layer boards, through-hole components and preheating
- Requires little maintenance beyond occasional lubrication of the X-Y axis table
- **SM1002** consists of upper and lower heaters, including independent electronic control panel with digital display

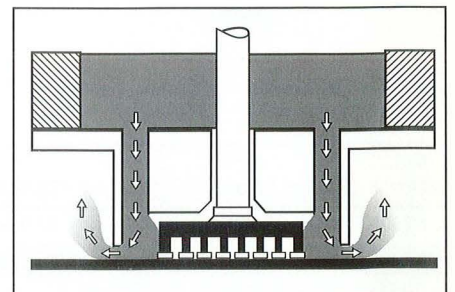
Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
SM1001	037103037367	Surface mount service center	120	-	60	65.00	29.41	1
SM1002	037103037374	Surface mount service center	120	-	60	65.00	29.41	1
<b>Optional equipment</b>								
SM1003	037103037381	Lower heater and fan assembly				-	-	1
SM1004	037103037398	3X illuminated magnifying lens (4 inch)				-	-	1
SM1013	037103037480	B/W video camera system (camera/monitor/mount)				-	-	1
SM1019	037103037534	Stereo microscope w/arm & light				-	-	1
SM1020	037103042132	Color video camera/monitor/stereo microscope				-	-	1



Two Theta Controls



Heat Focus Head Design



Upper Heater Descends To Work

## Accessory products

### Flux dispensers



- Both static safe and standard hold 2 ounces
- Avoid spills and waste and place flux precisely where needed
- Squeeze bottles dispense one drop of liquid resin, flux, oil or solvent through stainless steel needles
- Static dissipative models protect static-sensitive components

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
<b>Standard</b>					
FD2	037103036469	Flux dispenser w/.020" needle	0.31	0.14	6
FD21	037103036476	Flux dispenser w/.008" needle	0.31	0.14	6
FD22	037103036531	Flux dispenser w/.050" needle	0.31	0.14	6
FD3	037103039859	Flux dispenser w/.020"/.050"/.008" needles	0.31	0.14	6
FD2N	037103036643	.020" needle-1" (10 needles/pkg.)	0.25	0.11	1
FD21N	037103036520	.008" needle-1" (10 needles/pkg.)	0.25	0.11	1
FD22N	037103036586	.050" needle-1" (10 needles/pkg.)	0.25	0.11	1
<b>Static dissipative</b>					
FD2D	037103036612	Flux dispenser w/.020" needle	0.31	0.14	6
FD21D	037103036490	Flux dispenser w/.008" needle	0.31	0.14	6
FD22D	037103036555	Flux dispenser w/.050" needle	0.31	0.14	6
FD2DN	037103039811	.020" needle-1" (10 needles/pkg.)	0.25	0.11	1
FD21DN	037103036513	.008" needle-1" (10 needles/pkg.)	0.25	0.11	1
FD22DN	037103036579	.050" needle-1" (10 needles/pkg.)	0.25	0.11	1

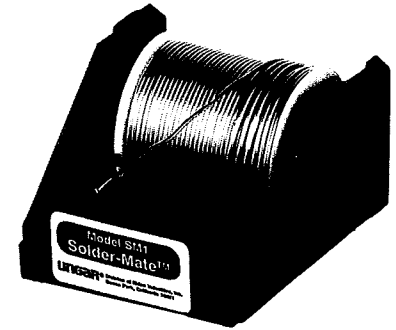
## Scrub-it™ solvent dispensers



- Squeeze dispenser to distribute solvent through brush
- For cleaning printed circuit boards and other connections
- No mess, no waste
- Available with nylon bristles or horsehair for static-safe applications
- Dispenser holds 2 ounces

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
SD74	037103037220	Scrub-it dispenser w/nylon bristles	0.31	0.14	6
SD74H	037103037244	Scrub-it dispenser ESD safe horsehair bristle	0.31	0.14	6

- Durable dispenser minimizes core solder usage
- Eliminates operator downtime by providing continuous solder wire availability
- Holds 1 pound solder spool (**solder not included**)

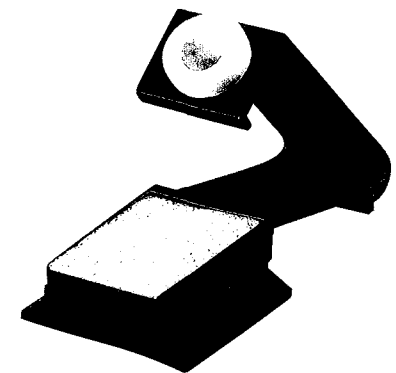


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Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
SM1	037103037358	Solder-Mate	0.37	0.16	1

**8800**

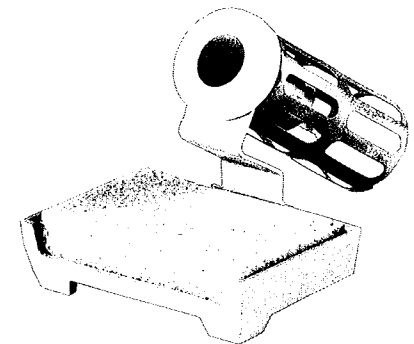
- Deluxe iron holder with non-charring ceramic mouth-piece and heavy non-skid tray design
- For Imperial line and Double Insulated (DI) line of soldering irons



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
8800	037103030993	Deluxe iron holder	4.30	1.94	6

**9800**

- Iron holder with stay cool ceramic mouthpiece cast metal tray
- For Ungar's micro-size soldering irons



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
9800	037103038623	Iron holder, micro-size	4.50	2.03	6

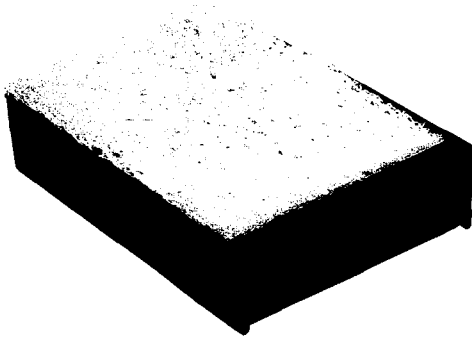
# 8000



- Iron holder attaches easily to any work area for operator safety

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
8000	037103041968	Iron holder	4.30	1.94	10

# 400



- Kleen-Tip sponge and tray includes specially processed sponge
- Sponge used for cleaning tips of oxidation and prevents contamination

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
400	037103030368	Kleen-tip sponge and tray	0.93	0.42	10
455	037103030375	Replacement sponge	0.62	0.28	20

# 8001



- Specially formulated lubricant to prevent tip thread seizure when operating at high temperatures
- 1/2 ounce tube
- Ideal for use at 900°F or lower

Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
8001	037103030580	Anti-Seize 1/2 oz. tube	0.68	0.30	10

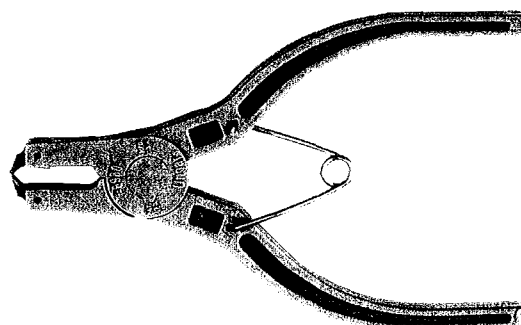
- Thick, latex material masks PCB holes and other surfaces requiring protection
- Won't run, and withstands soldering and cleaning environments
- Ten mil coating dries in two to three hours at ambient temperature and peels clean
- Filtered formula available for automatic dispensing equipment w/.010" needle I.D. minimum
- Shelf life: 1 year



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
SM1573-8	037103037697	Spot-Mask 8 ounces	0.37	0.16	1
SM1573-1	037103037680	Spot-Mask 1 gallon	2.50	1.13	1
SM1574-8	037103037727	Spot-Mask 8 ounces, filtered	0.37	0.16	1
SM1574-1	037103037710	Spot-Mask 1 gallon, filtered	2.50	1.13	1

- Spring-loaded extraction pliers remove 4 - 48 pin DIP's without bending leads
- Self-activating, one hand operation
- ESD safe

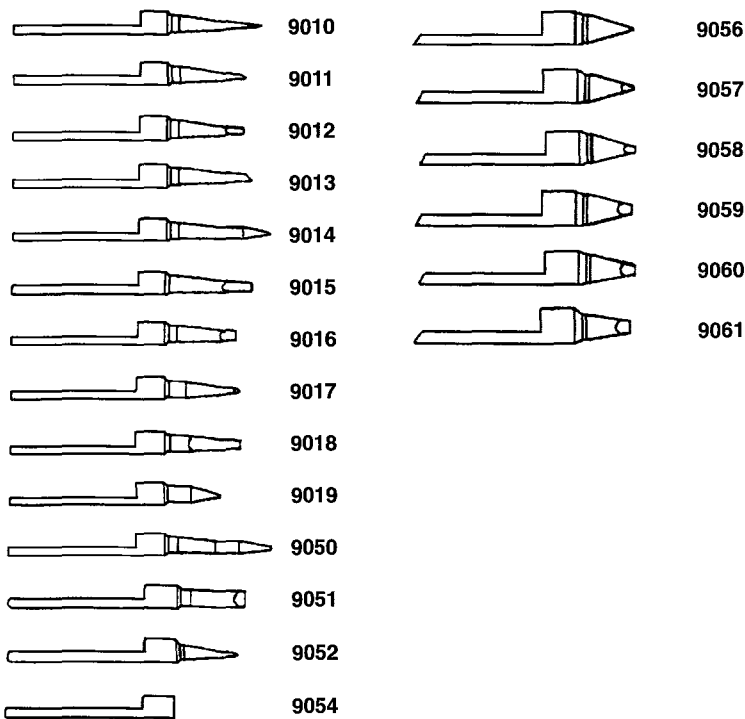
**6980**



Cat. No.	UPC No.	Description	Shelf Pack Wt.		Shelf Pack
			lb	kg	
6980	037103034717	DIP extractor pliers	0.88	0.39	5

# Tips for electronic soldering systems

## 9000 series tips for: 9900AS, 2110AS, UTC-series stations

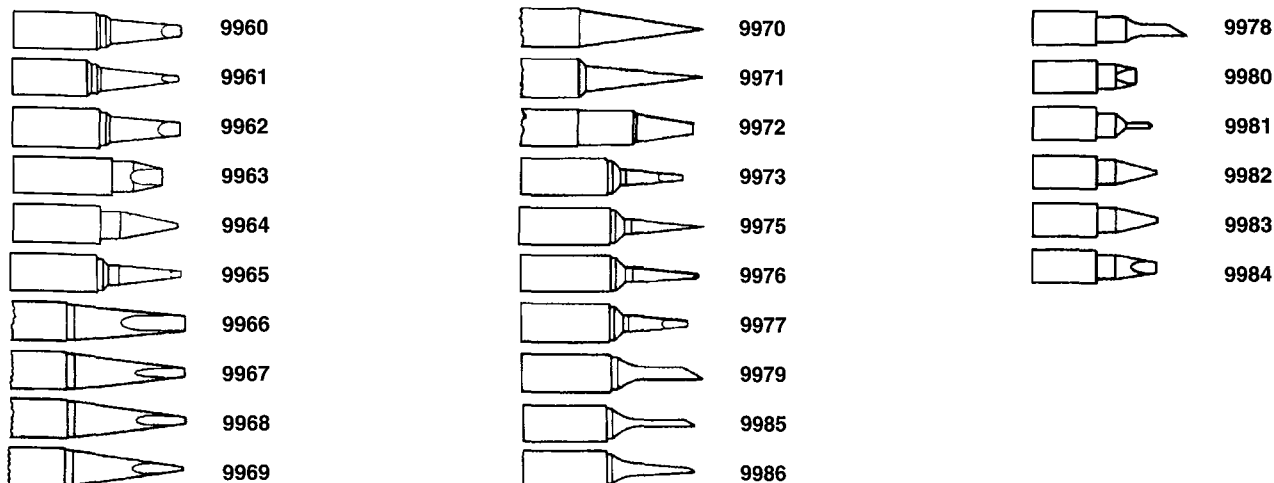


- **STANDARD TIPS:** 2110 systems must use 2108S tip retainer assembly; all other systems use 9037 tip retainer assembly
- Iron clad, chrome immunized and pre-tinned standard (9010 to 9052) tips
- **THERMAL THRUST, HIGH CAPACITY TIPS:** 2110 systems must use 2106T tip retainer assembly; all other systems use 9919 tip retainer assembly
- All thermal thrust high capacity (9056 to 9061) tips have extra mass and heat capacity for heavy ground planes and heat sinks
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: 9010BK

Cat. No.	UPC No.	Description	Tip Size		Reach		Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm	lb	kg	
<b>Standard</b>									
9010*	037103031020	Precision point	0.01	0.25	0.78	19.81	0.25	0.11	5
9011*	037103031075	Spade	0.03	0.76	0.71	18.03	0.25	0.11	5
9012*	037103031693	Screwdriver	0.05	1.27	0.62	15.74	0.25	0.11	5
9013*	037103031792	Spade	0.06	1.52	0.71	18.03	0.25	0.11	5
9014*	037103031945	Spade	0.02	0.50	0.85	21.59	0.25	0.11	5
9015*	037103031976	Screwdriver	0.07	1.77	0.70	17.78	0.25	0.11	5
9016BK	037103032003	Screwdriver	0.09	2.28	0.55	13.97	0.25	0.11	5
9017*	037103032027	Screwdriver	0.03	0.76	0.60	15.24	0.25	0.11	5
9018*	037103032058	Screwdriver	0.05	1.27	0.60	15.24	0.25	0.11	5
9019*	037103034106	Short spade	0.03	0.76	0.45	11.43	0.25	0.11	5
9050*	037103035059	Conical	0.02	0.50	0.85	21.59	0.25	0.11	5
9051*	037103035073	Screwdriver	0.13	3.30	0.50	12.70	0.25	0.11	5
9052*	037103035097	Short spade	0.02	0.50	0.45	11.43	0.25	0.11	5
9054*	037103035110	Tip adapter 1/8"	-	-	-	-	0.25	0.11	2
<b>Thermal thrust high capacity</b>									
9056*	037103035127	Conical	0.02	0.50	0.50	12.70	0.25	0.11	5
9057*	037103035140	Screwdriver	0.03	0.76	0.50	12.70	0.25	0.11	5
9058*	037103035165	Screwdriver	0.05	1.27	0.50	12.70	0.25	0.11	5
9059*	037103035189	Screwdriver	0.07	1.77	0.50	12.70	0.25	0.11	5
9060*	037103035202	Screwdriver	0.10	2.54	0.50	12.70	0.25	0.11	5
9061*	037103035226	Screwdriver	0.13	3.30	0.50	12.70	0.25	0.11	5



# 9900 series tips/9931AS, 9941AS, UTC331 soldering irons



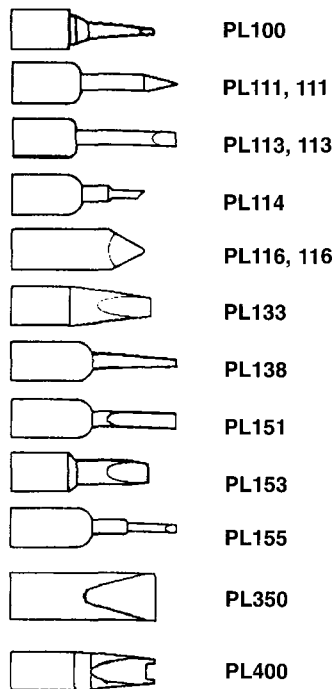
Ungar®

- Iron clad, chrome immunized and pre-tinned standard tips
- Use standard 9900 series tips with 9932 tip retainer
- All Thermal Thrust, high capacity tips have extra mass and heat capacity for heavy ground planes and heat sinks
- Use Thermal Thrust high capacity 9900 series tips with 9933 tip retainer
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: 9960BK
- # Not recommended for 9941AS iron

Cat. No.	UPC No.	Description	Tip Size		Reach		Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm	lb	kg	
<b>Standard</b>									
9960*	037103035820	Terminal spade	0.10	2.54	0.72	18.28	0.37	0.16	10
9961*	037103035844	Pad spade	0.07	1.77	0.72	18.28	0.37	0.16	10
9962*	037103035868	Bus spade	0.13	3.30	0.72	18.28	0.37	0.16	10
9963*	037103039736	Heavy spade	0.19	4.82	0.45	11.43	0.37	0.16	10
9964*	037103035905	Heavy probe	0.03	0.76	0.67	17.01	0.37	0.16	10
9965*	037103035912	Stub spade	0.06	1.52	0.75	19.05	0.37	0.16	10
9966*	037103035936	Long screwdriver H.D.	0.13	3.30	1.00	25.40	0.37	0.16	10
9967*	037103035950	Long screwdriver M.D	0.07	1.77	1.00	25.40	0.37	0.16	10
9968*	037103035974	Long screwdriver M.D	0.05	1.27	1.00	25.40	0.37	0.16	10
9969*	037103036001	Long screwdriver	0.03	0.76	1.00	25.40	0.37	0.16	10
9970*	037103036025	Precision point, H.D.	0.01	0.25	1.00	25.40	0.37	0.16	10
9971*	037103036049	Precision point, M.D	0.01	0.25	1.00	25.40	0.37	0.16	10
9975*	037103036070	Precision point	0.01	0.25	0.83	21.08	0.37	0.16	10
9976*	037103036094	Spade	0.03	0.76	0.82	20.82	0.37	0.16	10
9077*	037103036117	Screwdriver	0.05	1.27	0.70	17.78	0.37	0.16	10
9979*	037103036155	Spade	0.12	3.04	0.82	20.82	0.37	0.16	10
9985*	037103036285	Precision spade	0.07	1.77	0.84	21.33	0.37	0.16	10
9986*	037103036308	Stub spade	0.04	1.01	0.84	21.33	0.37	0.16	10
9987*	037103039767	Bent spade	0.03	0.76	1.16	29.46	0.37	0.16	10
<b>Thermal thrust, high capacity</b>									
9978*#	037103036131	Spade, high mass	0.12	3.04	1.13	28.70	0.37	0.16	10
9980*#	037103036179	Heavy spade	0.19	4.82	0.50	12.70	0.37	0.16	10
9981*#	037103036193	Nipple	0.06	1.52	0.68	17.27	0.37	0.16	10
9982*#	037103036216	Precision screwdriver	0.02	0.50	0.75	19.05	0.37	0.16	10
9983*#	037103036239	Medium screwdriver	0.03	0.76	0.75	19.05	0.37	0.16	10
9984*#	037103036261	Screwdriver	0.13	3.30	0.75	19.05	0.37	0.16	10

# Tips for professional soldering irons

## 1/4" thread-on tips for Standard & DI line heaters, UTC100 & UTCSS stations

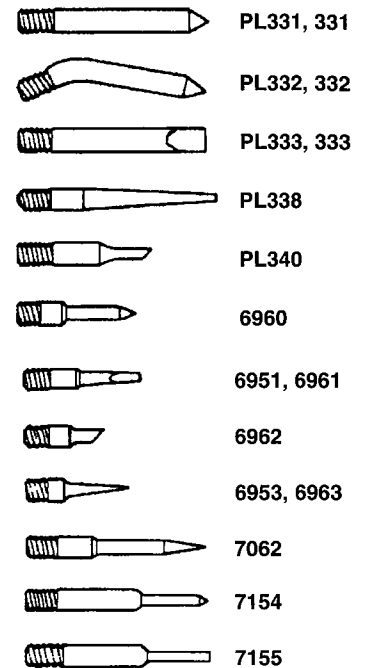


- Iron clad PL series tips
- Use with heaters 360, 362, 363, 537S, 1237S, 3125, 3140, 4037S, 37, SL
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: PL100BK
- # Copper, unplated

Cat. No.	UPC No.	Description	Tip Size		Reach		Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm	lb	kg	
<b>Standard</b>									
PL100*	037103036728	Precision electronic	0.05	1.27	0.45	11.43	0.31	0.14	10
PL111*	037103036742	Pencil-plated	0.03	0.76	0.66	16.76	0.31	0.14	10
111*#	037103029833	Pencil-copper	0.02	0.50	0.66	16.76	0.31	0.14	10
PL113*	037103036766	Chisel-plated	0.13	3.30	0.66	16.76	0.31	0.14	10
113*#	037103029857	Chisel-copper	0.12	3.04	0.66	16.76	0.31	0.14	10
PL114*	037103036784	Micro spade-plated	0.05	1.27	0.41	10.41	0.31	0.14	10
PL116*	037103036803	Pyramid-plated	-	-	-	-	0.31	0.14	10
116*#	037103029871	Pyramid-copper	-	-	-	-	0.31	0.14	10
PL133*	037103036827	Long taper chisel-plated	0.15	3.81	-	-	0.31	0.14	10
PL138*	037103036841	Tapered needle-plated	0.05	1.27	0.66	16.76	0.31	0.14	10
PL151*	037103036865	Screwdriver-plated	0.13	3.30	0.66	16.76	0.31	0.14	10
PL153*	037103036889	Chisel-plated	0.20	5.08	0.56	14.22	0.31	0.14	10
PL155*	037103036902	Stepped chisel-plated	0.07	1.77	0.66	16.76	0.31	0.14	10
PL350*	037103037039	Chisel-plated	0.40	10.16	-	-	0.31	0.14	10
PL400*	037103037053	Chip removal-plated	0.19	4.82	-	-	0.31	0.14	10
<b>Only for UTCSS, 3125, 3140</b>									
3111	037103039217	2/cd - same dim. as PL111	-	-	-	-	-	-	2
3113	037103039224	2/cd - same dim. as PL113	-	-	-	-	-	-	2
3114	037103039231	2/cd - same dim. as PL114	-	-	-	-	-	-	2
3133	037103039248	2/cd - same dim. as PL133	-	-	-	-	-	-	2
3151	037103039255	2/cd - same dim. as PL151	-	-	-	-	-	-	2
3155	037103039262	2/cd - same dim. as PL155	-	-	-	-	-	-	2

# 1/8" thread-in tips for the Standard iron line heaters

- Iron clad PL series tips
- Use with heaters 535S, 1235S, 4035S
- With 100 adapter, can use with heaters 537S, 1237S, 4037S, 37 and UTC131 iron
- With 9054 adapter, can use with 9300, 9911AS and UTC231 irons
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: PL331BK
- # Copper, unplated

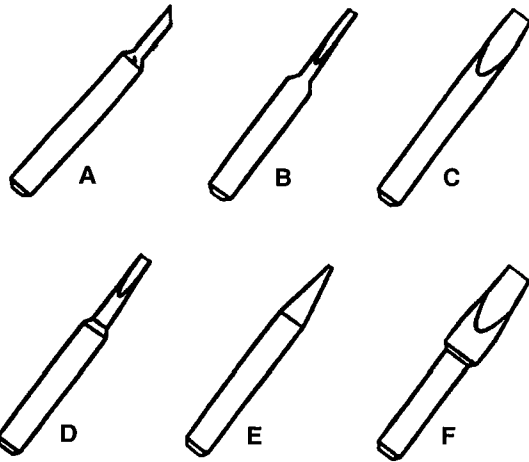


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Cat. No.	UPC No.	Description	Tip Size		Reach		Shelf Pack Wt.		Shelf Pack	
			Inch	mm	Inch	mm	lb	kg		
100*	037103029805	Adapter	-	-	-	-	0.25	0.11	10	
PL331*	037103036924	Pencil-plated	0.01	Cone	-	0.85	21.59	0.25	0.11	10
331*#	037103030122	Pencil-copper	0.01	Cone	-	0.85	21.59	0.25	0.11	10
PL332*	037103036948	Offset pencil-plated	0.01	Cone	-	0.62	15.74	0.25	0.11	10
332*#	037103030146	Offset pencil-copper	0.01	Cone	-	0.62	15.74	0.25	0.11	10
PL333*	037103036962	Chisel-plated	0.13	3.30	0.85	21.59	0.25	0.11	10	
333*#	037103030160	Chisel-copper	0.12	3.04	0.85	21.59	0.25	0.11	10	
PL338*	037103039880	Tapered needle-plated	0.05	1.27	0.94	23.87	0.25	0.11	10	
PL340*	037103037015	Micro spade-plated	0.06	1.52	0.56	14.22	0.25	0.11	10	
6960	037103034576	Pencil-plated	0.01	Cone	-	0.42	10.66	0.25	0.11	10
6951*#	037103034489	Screwdriver-copper	0.06	1.52	0.49	12.44	0.25	0.11	10	
6961*	037103034595	Screwdriver-plated	0.06	1.52	0.49	12.44	0.25	0.11	10	
6953*#	037103034519	Precision point-copper	0.01	-	0.42	10.66	0.25	0.11	10	
6963*	037103034618	Precision point-plated	0.01	-	0.42	10.66	0.25	0.11	10	
7062*	037103034793	Precision point-plated	0.01	-	0.85	21.59	0.25	0.11	10	
7154	037103034816	Pencil-plated	-	-	0.85	21.59	0.25	0.11	10	
7155*	037103034830	Chisel-plated	0.06	1.52	0.84	21.33	0.25	0.11	10	
9054	037103035110	Adapter for 1/8" thread-in tips	-	-	-	-	0.18	0.08	2	

# WT series tips for ProPlus series irons

**NEW**



- Wide selection of tips in different sizes and styles
- Long-lasting, iron-plated, easy to replace
- **IMPORTANT:** Use only Weller® tips. Use of non-Weller® components may void product warranty if non-Weller® component causes damage to the unit

## For 40S, 60S, 60H soldering irons

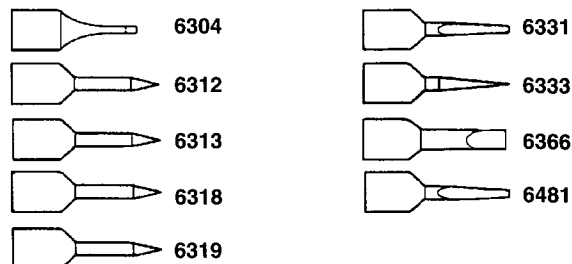
Cat. No.	UPC No.	Description	Tip Width		Tip Reach		Tip Style	Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm		lb	kg	
WT159	037103081193	Tip, 30° Flat	1/16	1.59	1/16	1.59	A	0.25	0.11	10
WT313	037103081209	Tip, Screwdriver	3/16	4.76	3/16	4.76	C	0.25	0.11	10
WT324	037103081216	Tip, Screwdriver	1/8	3.18	1/8	3.18	B	0.25	0.11	10
WT358	037103081223	Tip, Screwdriver	3/32	2.38	3/8	9.53	D	0.25	0.11	10
WT397	037103081230	Tip, Screwdriver	5/32	3.97	3/4	19.05	C	0.25	0.11	10
WT399	037103081247	Tip, Screwdriver	7/32	5.56	3/8	9.53	C	0.25	0.11	10
WT417	037103081254	Tip, Screwdriver	1/8	3.18	3/4	19.05	C	0.25	0.11	10
WT451	037103081261	Tip, Screwdriver	1/8	3.18	1/2	12.70	B	0.25	0.11	10
WT463	037103081278	Tip, Screwdriver	3/16	4.76	9/16	14.29	B	0.25	0.11	10
WT513	037103081285	Tip, Conical	1/8	3.18	1/2	12.70	E	0.25	0.11	10
WT552	037103081292	Tip, Screwdriver	3/16	4.76	5/8	15.88	F	0.25	0.11	10
WT586	037103081308	Tip, Screwdriver	1/8	3.18	1/2	12.70	C	0.25	0.11	10
WT691	037103081315	Tip, Screwdriver	1/16	1.59	3/32	2.38	B	0.25	0.11	10
WT699	037103081322	Tip, Screwdriver	1/16	1.59	1/2	12.70	B	0.25	0.11	10
WT343	037103081339	Tip, Conical	1/32	0.79	5/8	15.88	E	0.25	0.11	10
WT773	037103081346	Tip, Screwdriver	3/16	4.76	5/8	15.88	F	0.25	0.11	10

## For 100S soldering irons

Cat. No.	UPC No.	Description	Tip Width		Tip Reach		Tip Style	Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm		lb	kg	
WT430	037103091369	Tip, Round Flat	3/8x45°	9.53x45°			A	0.25	0.11	10
WT470	037103091376	Tip, Screwdriver Wide	5/16	7.94	1-3/16	30.16	C	0.25	0.11	10
WT151	037103091345	Tip, Chisel	3/8	9.53	1	25.4	C	0.25	0.11	10
WT108	037103091352	Tip, Conical	1/16	1.59	7/8	22.23	E	0.25	0.11	10
WT140	037103091338	Tip, Screwdriver Narrow	3/16	4.76	1-1/8	28.58	D	0.25	0.11	10

## Tips for Imperial heaters

- Iron clad 6000 series tips
- Use with Imperial heaters 6200, 6201, 6202 and 6203 only
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: 6304BK
- # Copper, unplated

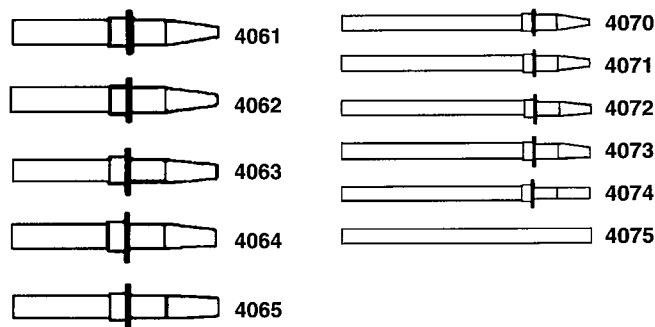


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Cat. No.	UPC No.	Description	Tip Size		Tip Reach		Shelf Pack Wt.		Shelf Pack
			Inch	mm	Inch	mm	lb	kg	
6304*	037103034229	Micro chisel-plated	0.05	1.27	1.04	26.41	0.37	0.16	10
6312*#	037103034243	Pencil-copper	0.01	0.25	1.30	33.02	0.37	0.16	10
6313*	037103034267	Pencil-plated	0.02	0.50	1.30	33.02	0.37	0.16	10
6318*#	037103034281	Long taper chisel-copper	0.12	3.04	1.30	33.02	0.37	0.16	10
6319*	037103034304	Long taper chisel-plated	0.13	3.30	1.30	33.02	0.37	0.16	10
6331BK#	037103034328	Screwdriver-copper	0.13	3.30	1.30	33.02	0.37	0.16	10
6333*	037103034335	X-long taper pencil-plated	0.02	0.50	1.30	33.02	0.37	0.16	10
6366*	037103034366	Long taper chisel-plated	0.20	5.08	1.25	31.75	0.37	0.16	10
6481*	037103034398	Taper screwdriver-plated	0.13	3.30	1.30	33.02	0.37	0.16	10

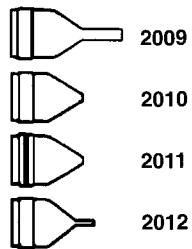
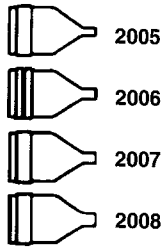
## Tiplets for desoldering tools Tiplets for 4088AS desoldering pencil

- Available in two lengths; 1" and 2"
- Machined from special Ungar® Alloy #24
- Highly resistant to abrasion and erosion by solder
- Superior wear characteristics when compared to ordinary copper or composite type tiplets
- Plated to prevent corrosion
- \* Available bulk packed (50 multiples only)
- To order bulk, add suffix "BK" to Cat. No. eg: 4061BK



Cat. No.	UPC No.	O.D.		In. Diam.		Tip Reach		Shelf Pack Wt.		Shelf Pack
		Inch	mm	Inch	mm	Inch	mm	lb	kg	
<b>1" overall length</b>										
4061*	037103032089	0.06	1.52	0.02	0.63	0.43	10.92	0.31	0.14	10
4062*	037103032102	0.08	2.03	0.04	1.01	0.43	10.92	0.31	0.14	10
4063*	037103032133	0.09	2.28	0.05	1.27	0.43	10.92	0.31	0.14	10
4064*	037103032157	0.10	2.54	0.06	1.52	0.43	10.92	0.31	0.14	10
4065*	037103032171	0.12	3.04	0.09	2.28	0.43	10.92	0.31	0.14	10
<b>2" overall length</b>										
4070*	037103032201	0.05	1.32	0.02	0.50	0.43	10.92	0.37	0.16	10
4071*	037103032225	0.06	1.52	0.03	0.76	0.43	10.92	0.37	0.16	10
4072*	037103032249	0.08	2.03	0.04	1.01	0.43	10.92	0.37	0.16	10
4073*	037103032263	0.09	2.28	0.05	1.27	0.43	10.92	0.37	0.16	10
4074*	037103032287	0.10	2.54	0.06	1.52	0.43	10.92	0.37	0.16	10
4075*	037103032300	0.12	3.17	0.10	2.54	0.43	10.92	0.37	0.16	10
<b>Assortments</b>										
4069	037103032195	1 each of 1" tiplets						0.25	0.11	1
4079	037103032331	1 each of 2" tiplets						0.31	0.14	1

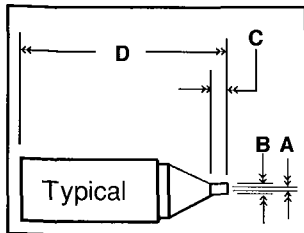
## Tiplets for 4098AS desoldering pistol



- Machined from nickel plated mild steel
- Highly resistant to abrasion and erosion by solder
- Superior wear characteristics when compared to ordinary copper or composite type tips
- Plated to prevent corrosion

Cat. No.	UPC No.	O.D.		In. Diam.		Tip Reach		Shelf Pack Wt.		Shelf Pack
		Inch	mm	Inch	mm	Inch	mm	lb	kg	
2005	037103031167	0.06	1.52	0.03	0.76	0.72	18.28	0.25	0.11	6
2006	037103031174	0.08	2.03	0.04	1.01	0.72	18.28	0.25	0.11	6
2007	037103031181	0.10	2.54	0.06	1.52	0.75	19.05	0.25	0.11	6
2008	037103031198	0.12	3.04	0.09	2.28	0.75	19.05	0.25	0.11	6
2009	037103031204	0.10	2.54	0.06	1.52	1.00	25.40	0.25	0.11	6
2010	037103031211	0.06	1.52	0.03	0.76	0.64	16.25	0.25	0.11	6
2011	037103031228	0.08	2.03	0.04	1.01	0.64	16.25	0.25	0.11	6
2012	037103031235	0.04	1.01	0.02	0.50	0.72	18.28	0.25	0.11	6

## Tiplets for 5098AS desoldering pistol and 5088 desoldering iron



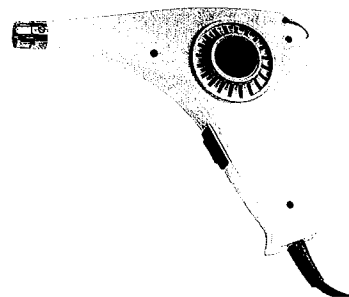
**NEW**

- Machined from nickel plated mild steel
- Highly resistant to abrasion and erosion by solder
- Superior wear characteristics when compared to ordinary copper or composite type tips
- Plated to prevent corrosion

Cat. No.	UPC No.	A		B		C		D		Shelf Pk. Wt.		Shelf Pack
		Inch	mm	Inch	mm	Inch	mm	Inch	mm	lb	kg	
4005	037103059840	.032	0.81	.060	1.52	0.12	3.05	1.312	33.32	.027	0.12	1
4006	037103059857	.040	1.02	.080	2.03	0.12	3.05	1.312	33.32	.027	0.12	1
4007	037103059864	.062	1.57	.100	2.54	0.12	3.05	1.312	33.32	.027	0.12	1
4008	037103059871	.089	2.26	.120	3.05	0.12	3.05	1.312	33.32	.027	0.12	1
4009	037103059888	.062	1.57	.100	2.54	0.37	9.40	1.562	39.67	.026	0.11	1
4012	037103059901	.020	0.51	.040	1.02	0.16	4.06	1.200	30.48	.026	0.11	1

# Heat guns 6966C

- Designed for assembly and repair applications in production plants, laboratories and service shops
- Long-life heater and fan components
- Shrink tubing and vinyl/T.F.E.
- Reflow soldering and encapsulation
- Epoxy curing, drying and cooling
- Approximately 750°F to 800°F hot air at nozzle; 3-position switch...Hot - Off - Cool
- 3-wire grounded plug 6' power cord
- Lightweight, 13 oz. with cord
- UL listed

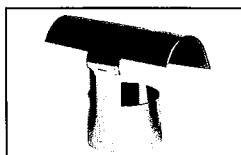


Ungar®

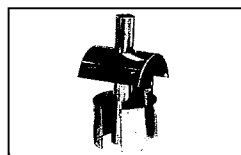
Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
6966C	037103034656	Industrial heat gun	120	250	60	1.20	0.54	1
<b>Accessories (included with heat gun)</b>								
6956	037103034533	Reflector (.50")	-	-	-	-	-	1
6957	037103034540	Reflector (1.50")	-	-	-	-	-	1
6958	037103034557	Baffle	-	-	-	-	-	1
6964	037103034632	Reflector (.20")	-	-	-	-	-	1
6965A	037103034649	Heat gun wire stand	-	-	-	-	-	1



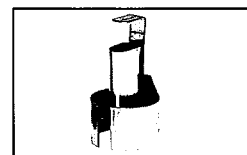
Catalog No.: **6956**  
1/2" large reflector



Catalog No.: **6957**  
1-1/2" large reflector



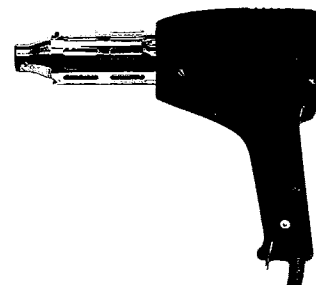
Catalog No.: **6958**  
Reducing baffle



Catalog No.: **6964**  
Precision reflector (.20")

## 6970

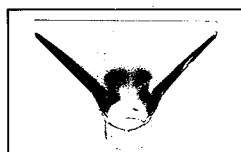
- Heavy-duty heat gun with long-life heater and motor
- Softening and forming plastic laminates
- Removing paints and finishes
- Heat shrinking cables and terminals
- Curing epoxy and loosening adhesives
- 3-wire grounded 6' power cord; UL listed
- Dual temperature: 1000°F (750w) and 700 °F (350w); 3-way switch...Hi - Off - Low
- Lightweight, 28 oz.
- UL listed



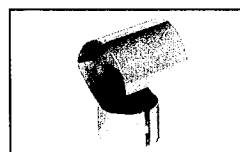
Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
6970	037103034700	Heat gun, heavy duty	120	750	60	2.93	1.33	1
<b>Accessories (optional)</b>								
1080	037103030696	Reducer for concentrating heat	-	-	-	0.25	0.11	10
1081	037103030702	Scraper for paint stripping	-	-	-	0.25	0.11	10
1082	037103030719	Reflector for heat shrink tubing/caps	-	-	-	0.25	0.11	10
1085	037103030733	Baffle kit	-	-	-	0.75	0.33	10
6959	037103034564	Adapter for 6966C baffles	-	-	-	-	-	1
6995	037103034779	Heat gun stand	-	-	-	-	-	1



Catalog No.: **1080**  
Reducer for concentrating heat



Catalog No.: **1081**  
Scraper for paint stripping



Catalog No.: **1082**  
Reflector for heat shrink



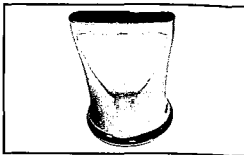
Catalog No.: **6959**  
Adapter for 6966C baffles

# 1095

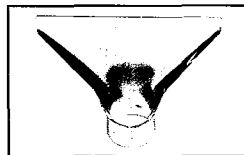


- Dual temperature, economical heat gun, ideal for most heat gun applications
- Applying heat shrinking products
- Curing epoxy and softening adhesives
- Drying, thawing frozen pipes
- Softening and molding plastics
- Heating liquids and stripping paint
- Dual temperature 1200°F (1000w) and 790°F (400W); 3-way switch...Hi - Off - Low
- 3-wire grounded plug 6' power cord
- Lightweight, 22 oz. with cord
- UL listed

Cat. No.	UPC No.	Description	V	W	Hz	Shelf Pack Wt.		Shelf Pack
						lb	kg	
1095	037103030740	Heat gun, dual temperature	120	1000	60	1.93	0.88	1
<b>Accessories (optional)</b>								
1080	037103030696	Reducer for concentrating heat				0.25	0.11	10
1081	037103030702	Scraper for paint stripping				0.25	0.11	10
1082	037103030719	Reflector for heat shrink tubing/caps				0.25	0.11	10
6959	037103034564	Adapter for 6966C baffles				-	-	1
1085	037103030733	Baffle kit				0.75	0.33	10



Catalog No.: **1080**  
Reducer for concentrating heat



Catalog No.: **1081**  
Scraper for paint stripping



Catalog No.: **1082**  
Reflector for heat shrink



Catalog No.: **6959**  
Adapter for 6966C baffles





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