

# SOLDERING TOOLS & ACCESSORIES

## PYROPEN®

- Ideal for service jobs in out of the way or confined space areas
- No batteries or electricity required
- Lightweight and easy to carry around
- Butane gas operated, will operate for up to three hours on one filling, and are ready to solder within 30 seconds
- Adjustable temperature controlled by varying gas flow
- Benefits for the outdoor servicing of electronics, radio and telecommunications
- Inactive hot air, ideal for shrink tubing, soldering and desoldering of SMD's



### PYROPEN® SOLDERING KIT

- Metal carrying case complete with 3.3 mm soldering tip plus a 5.7 mm hot air tip, torch ejector, spanner, tool support clip, cleaning sponge and operating manual (fuel not included)
- Brazing torch feature offers more flexibility
- Interchangeable soldering tip and torch ejector

**Model No. BW160**  
**Mfg No. WSTA3**  
**Price/Each \$**



### SELF-IGNITING PYROPEN®

- Fitted with tapered needle tip plus hot air nozzle
- Protective plastic cap and operation manual (fuel not included)
- Instant push button self ignition ideal for single-handed operation

**Model No. BW161**  
**Mfg No. WPA2**  
**Price/Each \$**



### REPLACEMENT TIPS

Model No.	Mfg. No.	Description	Price /Each
BW165	WPT1	Taper Needle	
BW166	WPT2	2.0 mm Chisel	
BW169	WPT5	Taper Needle	
BW172	WPT8	2.0 mm 35° Spade	
BW175	WPT11	8.0 mm High Powered Chisel	
BW177	WPT13	5.0 mm High Powered Long Taper Chisel	

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### PRO SERIES HIGH PERFORMANCE SOLDERING IRONS

- Super-fast heat-up! Heats up to 900°F working temperature in just 35 seconds
- Patented design provides performance that exceeds a 60-watt iron
- Red power-on LED changes to green when iron reaches working temperature
- LED work light illuminates working surface in low-light conditions
- Co-molded grip for a comfortable feel
- Tool is designed to be self-standing, no stand is needed
- Iron uses a phono jack style plug in tip for rapid exchange
- Ideal for hobbies, kits, radios, electrical and electronics

**Model No. TTU438**  
**Mfg No. WPS18MP**  
**Price/Each \$**



### REPLACEMENT TIPS

Model No.	Mfg. No.	Description	Price /Each
TTU439	WPS10	Conical Tip, 0.3125"	
TTU440	WPS11	Chisel Tip, 0.125"	

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### PORTASOL® ECONOMICAL BUTANE SOLDERING IRONS

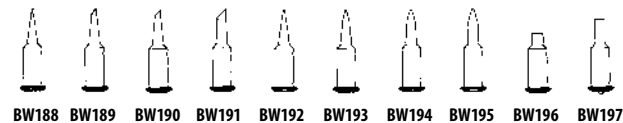
- Self-igniting portable butane heat tool can solder, cut rope, and perform other open flame operations
- Allows anti-static soldering, ideal for electronics, avionics, cellular communications, alarm systems, marine and automotive
- Rugged stainless steel body
- Up to 125 W of power
- Fully adjustable up to 1076°F (580°C)
- Runs up to two hours on single refill
- Fuel level is clearly visible through a window on the body of the tool for quick filling
- Auto switch safety shut-off, iron plated tips
- Built-in filter reduces chance of problems caused by contaminated fuel
- **BW163** kit includes the iron, sponge, stand, and extra tips in a blow molded box



Model No.	Mfg. No.	Description	Price/Each
BW200	PSI100C	Portasol® Soldering Tool	
BW163*	PSI100K	Portasol® Soldering Tool Kit	

\* Comes with **BW193** 2.4 mm double flat tip, **BW196** hot blower, **BW195** 4.8 mm double flat tip, **BW197** hot knife, cleaning sponge, storage case (fuel not included).

### REPLACEMENT TIPS



Model No.	Mfg. No.	Description	Price /Each
BW188	PSI1	1.0 mm Single Flat	
BW189	PSI2	2.4 mm Single Flat	
BW190	PSI3	3.2 mm Single Flat	
BW191	PSI4	4.8 mm Single Flat	
BW192	PSI5	1.0 mm Double Flat	
BW193	PSI6	2.4 mm Double Flat	
BW194	PSI7	3.2 mm Double Flat	
BW195	PSI8	4.8 mm Double Flat	
BW196	PSI9	Hot Blower Tip	
BW197	PSI10	Hot Knife Tip	

**Note:** Temperature range for tips is up to 850°F (450°C).

### PREMIUM BUTANE

- Recommended for users of butane soldering tools
- Filtered to a much higher degree than standard butane, will extend tool life by preventing gumming up of butane soldering tool orifices
- 60-g canister

**Model No. BW164**  
**Mfg No. WB1C**  
**Price/Each \$**

## Weller®



## SOLDERING GUNS

- 120 volts
- Heat resistant plastic housing
- Fingertip trigger for high or low output selection
- Ready to use in six seconds
- Heavy gauge, high efficiency, tin-plated copper tip
- Twin lights illuminate work



### KITS

**TW149** and **TW151** include: Soldering gun with one soldering tip, one sealing tip, one cutting tip, one flux brush, soldering aid tool and a coil of lead free solder. Packed in plastic carrying case.

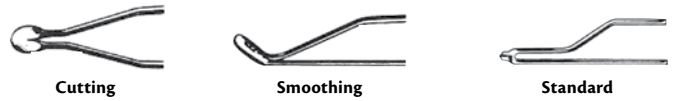
### GUNS & KITS

Model No.	Mfg. No.	Description	Watts	Price /Each
<b>TW148</b>	D550	Professional Soldering Gun	260/200	
<b>TW149</b>	D550PK	Professional Soldering Gun Kit	260/200	
<b>TW150</b>	D650	Industrial Soldering Gun	300/200	
<b>TW151</b>	D650PK	Industrial Soldering Gun Kit	300/200	

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### REPLACEMENT SOLDERING GUN TIPS

Weller® tips are made of copper and are compatible with Weller® soldering guns. Available in cutting, smoothing and standard tips.



Model No.	Mfg. No.	Description	Price /Each
<b>PROFESSIONAL</b>			
<b>TW152</b>	6130	Cutting Tip w/Hex Nut	
<b>TW153</b>	6150	Cutting Tip Only	
<b>TW154</b>	6140	Smoothing Tip w/Hex Nut	
<b>INDUSTRIAL</b>			
<b>TW155</b>	6160	Smoothing Tip Only	
<b>TW156</b>	7250	Standard Tip Only, 2/Pkg.	
<b>TW157</b>	7250N	Standard Tip w/Hex Nut	

## HIGH PERFORMANCE LED SOLDERING IRONS

- Three LED lights help illuminate the work area
- Round co-molded soft grip handle design for easy tip positioning
- Triangular handle area for maximum tip control
- Ceramic insulated stainless steel encased heater construction
- Excellent quality consumer iron 8 1/4" long
- Cord length: 5'
- Tip and iron stand included
- **TTV156** and **TTV158** include lead-free solder and soldering aid tool
- cUL listed

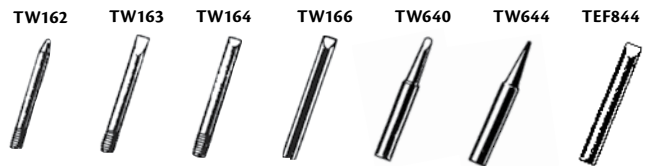


Model No.	Mfg. No.	Description	Volts	Watts	Temp °F/°C	Standard Tip	Price /Each
<b>TTV155</b>	SP25NCN	Standard Duty	120	25	750/400	TW162	
<b>TTV156</b>	SP25NKN	Standard Duty - Kit	120	25	750/400	TW162, TW163, TW164	
<b>TTV157</b>	SP40NCN	Medium Duty	120	40	900/482	TW166	
<b>TTV158</b>	SP40NKN	Medium Duty - Kit	120	40	900/482	TW166, TW640, TW644	
<b>TTV159</b>	SP80NCN	Heavy Duty	120	80	900/482	TEF844	

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### TIPS

Replacement tips are nickel-plated copper or iron-plated copper for heavy-duty irons.



Model No.	Mfg. No.	Description	Tips	Use With Iron No.	Tip Size"	Price /Each
<b>TW162</b>	MT1	Cone Shaped Tip, 2/Pkg.	Nickel Plated	TTV155, TTV156	1/8	
<b>TW163</b>	MT2	Screwdriver Tip, 2/Pkg.	Nickel Plated	TTV155, TTV156	1/8	
<b>TW164</b>	MT3	Chisel Tip, 2/Pkg.	Nickel Plated	TTV156	1/8	
<b>TW166</b>	MT10	Chisel Tip, 2/Pkg.	Nickel Plated	TTV157, TTV158	1/4	
<b>TW640</b>	ST3	Screwdriver Tip	Iron, Nickel, Chromium Plated	TTV158	1/8	
<b>TW644</b>	ST7	Conical Tip	Iron, Nickel, Chromium Plated	TTV158	0.031	
<b>TEF844</b>	MTG20	Chisel Tip	Iron Plated	TTV159	3/8	

## PROFESSIONAL SOLDERING IRONS

### IDEAL FOR A WIDE VARIETY OF ELECTRONICS TASKS

- Interchangeable heater elements with quick change collar
- Lightweight handle with cushion grip
- Use ST Series tips only



Model No.	Mfg. No.	Description	Volts	Watts	Hz	Price /Each
<b>TW633</b>	WP25	Soldering Iron w/TW640 Tip	120	25	50/60	
<b>TW634</b>	WP35	Soldering Iron w/TW640 Tip	120	35	50/60	

### ST SERIES TIPS

Solid copper, plated with iron, nickel and chromium. Precision ground tips provide maximum heat transfer from heater to tip.



Model No.	Mfg. No.	Description	Tip Size"	Reach"	Price /Each
<b>TW638</b>	ST1	Screwdriver Tip	0.062	0.75	
<b>TW639</b>	ST2	Screwdriver Tip	0.093	0.75	
<b>TW640</b>	ST3	Screwdriver Tip	1/8	0.75	
<b>TW641</b>	ST4	Screwdriver Tip	0.187	0.75	
<b>TW642</b>	ST5	Single Flat Tip	0.031	0.75	
<b>TW643</b>	ST6	Screwdriver Tip	0.031	0.75	
<b>TW644</b>	ST7	Conical Tip	0.031	0.75	
<b>TW645</b>	ST8	Narrow Screwdriver Tip	0.062	0.75	

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# SOLDERING TOOLS & ACCESSORIES

## WTCPT TEMPERATURE CONTROLLED SOLDERING STATIONS

Suitable for production, rework and repair of through hole and SMT boards, some ground planes and multi-layer boards. Repetitive soldering at a consistent temperature.

- A ferromagnetic temperature sensor in the tip controls tip temperature - no adjustments are necessary
- A lighted rocker switch indicates on/off status
- Quick disconnect plug for soldering iron allows fast iron change
- Power unit features impact resistant plastic for durability
- ESD safe to protect sensitive components

**Model No. BW009**  
Mfg No. WTCPT  
Price/Each \$

### PENCIL

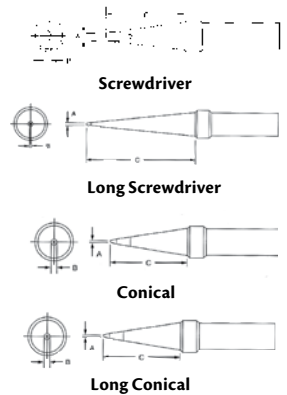
**Model No. BW010**  
Mfg. No. TC201T  
Price/Each \$



### PT SERIES TIPS FOR BW010 SOLDERING PENCIL

Model No.	Mfg. No.	A"	B"	C"	Price /Each
<b>SCREWDRIVER - 700°F</b>					
BW035	PTA7	0.062	0.032	0.62	
BW037	PTB7	0.093	0.020	0.62	
BW039	PTC7	0.125	0.027	0.62	
BW041	PTD7	0.187	0.035	0.62	
<b>LONG SCREWDRIVER - 700°F</b>					
BW046	PTJ7	0.031	0.012	1.00	
BW047	PTK7	0.046	0.026	1.00	
<b>CONICAL - 700°F</b>					
BW052	PTP7	0.031	0.012	0.62	
<b>LONG CONICAL - 700°F</b>					
BW051	PT07	0.031	0.044	1.00	

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## WES51 ANALOG SOLDERING STATIONS

- Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power
- Improved plug on the TEF891 iron and new receptacle on the power unit for easier iron replacement
- Designed for continuous production soldering
- Slim, comfortable pencil reduces operator fatigue

**Model No. TEG036**  
Mfg No. WES51  
Price/Each \$

### PENCIL

**Model No. TEF891**  
Mfg. No. PESS1  
Price/Each \$



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## WESD51 DIGITAL SOLDERING STATIONS

- Microprocessor controlled with digital LED display allows you to read temperature setting and actual tip temperature
- Can switch between °F and °C

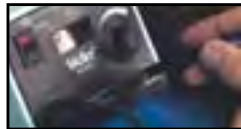
**Model No. TEG038**  
Mfg No. WESD51  
Price/Each \$

### PENCIL

**Model No. TEF891**  
Mfg. No. PESS1  
Price/Each \$



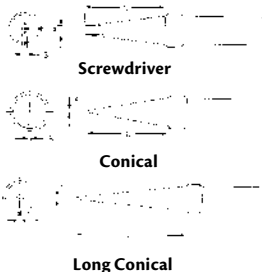
Wireless temperature lockout gives you control over the process



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### ET SERIES TIPS FOR TEF891 SOLDERING PENCIL

Model No.	Mfg No.	A"	B"	C"	Price/Each
<b>SCREWDRIVER</b>					
BW087	ETA	0.062	0.032	0.625	
BW088	ETB	0.093	0.020	0.625	
BW089	ETC	0.125	0.027	0.625	
<b>CONICAL</b>					
BW092	ETP	0.031	0.012	0.625	
<b>LONG CONICAL</b>					
BW100	ETO	0.031	0.044	1.000	
BW101	ETS	0.015	0.000	1.000	



## WD1002 DIGITAL SILVER SERIES SOLDERING STATIONS

### HIGH PERFORMANCE SOLDERING STATION

- Features a powerful 80-watt soldering iron that is ideal in the most demanding soldering applications including high volume production soldering or high mass soldering and especially lead free soldering
- Fast temperature recovery allows to safely and efficiently solder lead free components and greatly contribute to increased productivity in traditional lead based soldering applications
- Base station features three user programmable "radio buttons" that allow to instantly switch to another temperature
- LCD screen gives the operator all important information at a glance providing an extensive user friendly menu for the operator to custom set the station to his own needs
- Programmable features include set back temperature to conserve tip life, auto shut off, temperature lockout, switching between degrees Fahrenheit or Celsius and more
- A comfortable four-position ergonomic iron stand allows you to store three optional tips for different soldering applications
- Iron comes with the TEF746 chisel tip (0.063")
- Additional tips available

**Model No. TTU437**  
Mfg No. WD1002  
Price/Each \$

### PENCIL

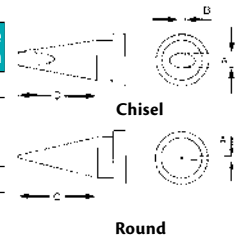
**Model No. BW119**  
Mfg. No. WBP80  
Price/Each \$



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### LT SERIES TIPS FOR BW119 SOLDERING PENCIL

Model No.	Mfg. No.	A"	B"	C"	Price /Each
<b>CHISEL</b>					
TEF746	LTA	0.063	0.028	0.380	
TEF754	LTH	0.031	0.016	0.430	
TEF755	LTK	0.047	0.016	0.730	
<b>ROUND</b>					
TEF738	LT1	0.010	-	0.430	
TEF739	LT1L	0.008	-	0.980	



See page 1140 for Wire Solder





# SOLDERING TOOLS & ACCESSORIES

## OXYGEN/MAP-PRO™ GAS BRAZING/WELDING/CUTTING TORCH KITS

- Uses oxygen and propane or propylene gas

Includes:

- Burner wand
- Hose
- Oxygen regulator
- Fuel gas valve
- Cylinder stand
- **TTU687** 14.1-oz. MAP-Pro™ gas cylinder
- **TTU688** 1.40-oz. oxygen cylinder
- Spark lighter
- 5 brazing/welding rods



**Model No. TTU689**  
**Mfg. No. BZOX2550KC**  
**Price/Each \$**



## PENCIL FLAME TORCH KITS

- Solid brass construction
- General purpose utility flame
- Needle valve control and filtered orifice

Includes:

- **BV769** torch head
- **TTU686** 14.1-oz. propane cylinder



**Model No. TTU690**  
**Mfg. No. BZUL100**  
**Price/Each \$**



## TRIGGER START TORCH KITS

- Comfortable, easy grip
- Self igniting quick-start trigger
- Uses propane gas
- Solid brass burn tip for easy repairs
- Pressure regulated to burn upside down

Includes:

- **WN961** torch head
- **TTU686** 14.1-oz propane cylinder



**Model No. TTU691**  
**Mfg. No. BZTS3000KC**  
**Price/Each \$**



## TRIGGER START CAST ALUMINUM MAP-PRO™ GAS TORCH KITS

- Regulated for cold weather use
- Includes stainless steel burn tubes
- Compatible with both propylene and propane gases

Includes:

- **BV756** torch head
- **TTU687** 14.1-oz. MAP-Pro™ gas cylinder

**Model No. TTU692**  
**Mfg. No. BZTS4000ZKC**  
**Price/Each \$**



## 2-PIECE SELF-IGNITING TORCH KITS

- For small, soft soldering jobs
- Adjustable flame control knob to be used with Propane fuel

Includes:

- **TTV154** Self-igniting torch
- **TTU686** 14.1-oz propane cylinder.

**Model No. TTV153**  
**Mfg. No. WK2301**  
**Price/Each \$**



## SPARK IGNITING MICRO TORCHES

- Precision light soldering, polyfoam cutting and heating
- Ideal for electronic repair
- Refillable, uses butane fuel
- Burns for 80 hours
- Includes electrical soldering tip

**Model No. TTU299**  
**Mfg. No. ST2200T**  
**Price/Each \$**



## TRIGGER START SWIVEL HEAD TORCHES

**Specially designed for convenience and accessibility.**

- Solid brass regulator provides greater durability
- 360° swiveling torch head provides versatility and accessibility to tight and awkward work spaces
- Slim, one-handed trigger start eliminates the need for external ignition sources
- Double O-ring connection helps prevent gas leaks
- Uses propylene gas

**Model No. WN963**  
**Mfg. No. TS99T**  
**Price/Each \$**



## FUELS

### 14.1-OZ. PROPANE CYLINDER

Use with torches and most portable appliances requiring propane.

**Model No. TTU686 Mfg. No. BZTX9 Price/Each \$**

### 14.1-OZ. MAP-PRO™ GAS CYLINDER

Propylene gas burns hotter than propane. Use only with torches and appliances specifying "for use with propylene".

**Model No. TTU687 Mfg. No. BZMCG Price/Each \$**

### 1.4-OZ. DISPOSABLE OXYGEN CYLINDER

Use with propylene gas for hottest brazing performance and light cutting/welding.

**Model No. TTU688 Mfg. No. BZOX9 Price/Each \$**

### 5.5-OZ. DISPOSABLE BUTANE CYLINDER

Use with refillable butane torches.

**Model No. TTU636 Mfg. No. BF55 Price/Each \$**



TTU686



TTU687



TTU688



TTU636