



Soldering Irons & Guns

Overview

The process used to join different types of metals together is often referred to as soldering. Soldering in the electrical industry is used to create a strong electrical bond and for years has been the go-to method of making a permanent connection between wiring and components. AutomationDirect is proud to offer a line of soldering irons and guns from Wall Lenk. Wall Lenk is a US-based company that has been manufacturing quality products for over 160 years right here in the USA.

Our offering includes pencil style irons ranging from 25 to 80 watts, which contains options for a 30-watt cordless USB rechargeable version. Varying tip styles allow for most all your soldering requirements, including a heat shrink tip for those hard-to-reach spots.

Sometimes you need to turn up the heat, so check out the heavy duty dual heat guns. With ranges from 100 to 400 watts in a variety of sizes and tip styles, these guns are great when there is a large working area or heat dissipation is an issue.

The corded versions all carry the UL mark so you know they are reliable and safe. They have proudly been made in Kinston, NC since 1966.

If you need to make a solid, reliable, permanent electrical connection, check our line of Wall lenk soldering equipment.



Soldering Iron Overview			
Part Number	Part Image	Wattage	Best Use
<u>WLL25</u>		25W	Fine Wiring Hobbies Electronics
<u>WLL40</u>		40W	Electronics Small Appliances Lawn & Garden
<u>WLL80</u>		80W	Heavy Wiring Sheet Metal Automotive Plumbing
<u>WLQ30HS</u>		30W	Electronics Fine Wiring Hobbies Heatshrink Tubing
<u>WLQ30SI</u>		30W	Electronics Fine Wiring Hobbies Heatshrink Tubing

Soldering Gun Overview			
Part Number	Part Image	Wattage	Best Use
<u>WLLG2500K</u>		100W	Hobbies Electronics Small Appliances
<u>WLWG991KCS</u>		150W 100W	Lawn & Garden Smoothing Soldering Cutting
<u>WLWG992K</u>		200W 100W	Heavy Duty Smoothing Soldering Cutting
<u>WLLG400C</u>		400W 150W	Automotive Appliances Motors and Generators Electrical Wiring Sheet Metal



Soldering Irons & Guns

25W Soldering Iron

The Wall Lenk 25W soldering iron is a small, lightweight iron great for fine soldering applications such as fine wiring, electronics, and hobbies.

Features

- Pencil style provides better control and handling
- Impact-resistant polycarbonate handles and stainless steel shaft for durability
- Mica insulated nichrome heating element for efficient heat transfer and tip temperature
- Tip is replaceable
- Includes:
 - 6ft power cord
 - Tool stand
- Made in USA



WLL25

WLL25PT



WLL25CT



WLL25FT



25W Soldering Iron Sets							
Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLL25</u>	25W	pointed	120VAC	5 minutes	900 deg F	pointed tip and tool stand	\$16.25
<u>WLL25K</u>		pointed chisel fine point				pointed tip, chisel tip, fine pointed tip, 1/2 ounce lead free solder and tool stand	\$21.50

25W Soldering Iron Replacement Tips							
Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	Tip Diameter	For Use With	Price
<u>WLL25PT</u>	25W	pointed	900 deg F	0.96in	0.185in	Wall Lenk soldering iron WLL25 and WLL25K	\$4.50
<u>WLL25CT</u>		chisel					\$4.50
<u>WLL25FT</u>		fine point		1in	0.085in		\$4.50

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

40W Soldering Iron

The Wall Lenk 40W soldering iron is a general purpose workhorse great for a variety of household applications: electronics, small appliances, and lawn and garden projects.

Features

- Pencil style provides better control and handling
- Impact-resistant polycarbonate handles and stainless steel shaft for durability
- Mica insulated nichrome heating element for efficient heat transfer and tip temperature
- Tip is replaceable
- Includes:
 - 8ft power cord
 - Tool stand
- Made in USA



WLL40

WLL40PT



WLL40CT



WLL40FT



40W Soldering Iron Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLL40</u>	40W	pointed	120VAC	5 minutes	975 deg F	pointed tip and tool stand	\$23.00
<u>WLL40K</u>		pointed chisel fine point				pointed tip, chisel tip, fine pointed tip, 1/2 ounce lead free solder and tool stand	\$29.00

40W Soldering Iron Replacement Tips

Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	Tip Diameter	For Use With	Price
<u>WLL40PT</u>	40W	pointed	975 deg F	1in	0.25in	Wall Lenk soldering iron WLL40 and WLL40K	\$4.50
<u>WLL40CT</u>		chisel		1.5in			\$4.50
<u>WLL40FT</u>		fine point		1in	0.128 in		\$4.50

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

80W Soldering Iron

The Wall Lenk 80W soldering iron is a heavy-duty iron that handles those bigger jobs efficiently and economically. Great for a variety of industrial applications: heavy wiring, sheet metal, automotive, and plumbing.

Features

- Pencil style provides better control and handling
- Impact-resistant polycarbonate handles and stainless steel shaft for durability
- Mica insulated nichrome heating element for efficient heat transfer and tip temperature
- Tip is replaceable
- Includes:
 - 8ft power cord
 - Tool stand
- Made in USA



WLL80

80W Soldering Iron Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLL80</u>	80W	screwdriver	120VAC	5 minutes	995 deg F	screwdriver tip and tool stand	\$48.00

80W Soldering Iron Replacement Tips

Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	Tip Diameter	For Use With	Price
<u>WLL80T</u>	80W	screwdriver	995 deg F	1.75in	0.375in	Wall Lenk soldering iron WLL80	\$11.50

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

100W Soldering Gun

The Wall Lenk 100W soldering gun is a light-duty soldering gun for fine, intricate soldering: fine wiring, hobbies, electronics, and small appliances.

Features

- Balanced tool design is more comfortable and easier to use
- Tip heats up in less than 1 minute
- Quick change type tips can be easily changed within 30 seconds
- Integral tool stand keeps heated part of the tool out of harm's way
- Reusable clamshell packaging
- Includes 6ft power cord



WLLG2500K

100W Soldering Gun Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLLG2500K</u>	100W	conical	120VAC	<1 minute	850 deg F	(2) conical tips and 6 grams of lead free rosin core solder	\$42.00

100W Soldering Gun Replacement Tips

Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	For Use With	Price
<u>WLLG2500ST</u>	100W	conical	850 deg F	Wall Lenk soldering iron WLLG2500K	\$8.00

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

Cordless Soldering Irons

The Wall Lenk 30W Quick FX3 soldering iron and heat shrink tool are small, lightweight, cordless irons great for fine soldering applications such as fine wiring, electronics, and hobbies.

Features

- Quick charge
- Quick heat up
- Quick change tips
- Ergonomically designed
- LED work light
- Multi-function tips
- Lightweight
- Easy to use
- Replaceable tips
- USB rechargeable



LED Work Light



USB Rechargeable



WLQ30HST

WLQ30FT

WLQ30PT

WLQ30CT

Cordless Soldering Iron Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Continuous Working Time	Charge Time	Maximum Tip Temperature	Includes	Price
<u>WLQ30HS</u>	30W	heat shrink	Lithium Ion Battery	12 seconds	45 minutes	3.5 hours	600 deg F	heat shrink tip, tool cap, safety stand and usb charging cable	\$33.00
<u>WLQ30SI</u>		pointed			40 minutes		1100 deg F	pointed tip, tool cap, safety stand and usb charging cable	\$33.00

Cordless Soldering Iron Replacement Tips

Cordless Soldering Iron Replacement Tips							
Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	Tip Diameter	For Use With	Price
<u>WLQ30HST</u>	30W	heat shrink	600 deg F	0.98in	0.377in	Wall Lenk soldering iron WLQ30SI and WLQ30HS	\$7.25
<u>WLQ30CT</u>		chisel	1100 deg F	1.56in	0.177in		\$7.25
<u>WLQ30FT</u>		fine point					\$7.25
<u>WLQ30PT</u>		pointed					\$7.25

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

Dual Heat Soldering Guns

The Wall Lenk dual heat soldering guns are medium-to-heavy duty guns that can be used in a variety of applications: heavy wiring, automotive, and sheet metal.

Features

- Built-in spotlight illuminates the work area
- Large 1-finger trigger switch located for optimum heat control and comfort
- Balanced tool design is more comfortable and easier to use
- 3-position trigger control (high, low, or off) provides excellent control of tip heat for more precise soldering, cutting, or smoothing functions
- Tip heats up in less than 1 minute
- Quick change type tips can be easily changed within 30 seconds
- Includes:
 - 8ft power cord
- Made in USA



WLWG991KCS



WLWG992K



WLWG991CT



WLWG991SMT



WLWG991ST

Dual Heat Soldering Gun Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLWG991KCS</u>	150W 100W	conical bevel knife	120VAC	<1 minute	800 deg F	conical tip, bevel smoothing tip, knife cutting tip and 1/2 ounce lead free solder	\$72.00
<u>WLWG992K</u>	200W 110W				1130 deg F		\$99.00

Dual Heat Soldering Gun Replacement Tips

Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	For Use With	Price
<u>WLWG991CT</u>	200W	knife	1130 deg F	1in	Wall Lenk soldering iron WLWG991KCS and WLWG992K	\$4.50
<u>WLWG991SMT</u>	150W 110W	bevel		1.5in		\$4.50
<u>WLWG991ST</u>	100W	conical		1in		\$4.50

Note: Replacement tips not included in 5-year warranty



Soldering Irons & Guns

Dual Heat Soldering Guns

The Wall Lenk dual heat soldering gun is a medium duty soldering gun for a variety of soldering applications: automotive, appliances, motors, generators, electrical wiring, sheet metal, and more.

Features

- Dual wattage elements:
 - High wattage heats tip in seconds, lower wattage maintains rated tip temperature
- Effective tip temperature:
 - Tip temperatures of 1000°F or more for effective heavy duty, sustained soldering
 - Integrated work lamp
- Includes:
 - 5ft power cord
 - Tool stand
- Made in USA



WLLG400C

Integrated Work Lamp

Dual Heat Soldering Gun Sets

Part Number	Wattage	Soldering Tip Style	Power Source	Heat-up Time	Maximum Tip Temperature	Includes	Price
<u>WLLG400C</u>	400W 150W	pyramid	120VAC	1 minute	1000 deg F	pyramid tip, tool stand and blow molded storage case	\$122.00

Dual Heat Soldering Gun Replacement Tips

Part Number	Wattage	Soldering Tip Style	Maximum Tip Temperature	Tip Length	Tip Diameter	For Use With	Price
<u>WLLG400TE</u>	400W 150W	pyramid	1000 deg F	1.23in	0.28in	Wall Lenk soldering iron WLLG400C	\$73.00

Note: Replacement tips not included in 5-year warranty