

OPERATING INSTRUCTIONS

These soldering guns are designed for intermittent use with a duty cycle of one-minute power on, then four minutes off.

For high wattage output, 260watts (D550),

For low wattage output, 200watts (D550),

If the tip does not heat properly, tighten up the screws.

FOLLOW THESE INSTRUCTIONS FOR BEST RESULTS

1. The items to be soldered must be clean at the connection area. This can be achieved with wire wool or fine emery cloth.
2. Make a good mechanical connection by wrapping wires around each other or around a terminal post.
3. When applying heat, apply a small amount of solder to the tip to provide proper heat transfer. Heat should be applied to the base material, e.g. wires/terminal, so that they become sufficiently hot to melt the solder to flow into the joint.
4. After the solder has flowed, slide the tip smoothly away to leave the joint neat. When using a soldering gun, the trigger should never be released before the tip has cleared the solder joint. Allowing the tip to cool while in contact with the solder will result in a disturbed joint.
5. Avoid joint or wire movement while soldering. A soldering aid tool or pliers can be used to hold the joint in place. Gently blowing on the joint will speed cooling.
6. On electrical and particularly electronic components, avoid excessive heat.
7. Do not apply more solder than necessary.
8. It is advisable to tin wires before soldering, especially stranded wire. Twist the strands together, then heat and saturate with solder.
9. Creating the joint is easy after tinning. Just twist the wires together and apply a small amount of solder or flux, and heat. The result will be a smooth, electrically efficient soldered joint.
10. To desolder, apply heat and use a soldering aid tool to separate the joint. Be sure to use new solder when re-soldering.
11. Fumes given off by some fluxes can be dangerous. Important: Be sure there is adequate ventilation to the working area.

SAFETY PRECAUTIONS

Weller® soldering guns are very safe tools. They are CUL approved, and comply with all the relevant safety regulations in North America. Nevertheless, like all electrical appliances, they must be handled with proper care. Never forget that the soldering tip reaches very high temperatures. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.

WARRANTY

Cooper Hand Tools warrants this product will be free from defects in material and workmanship for a period of seven (7) years from the date of purchase. No warranty is made with respect to products which have been (a) altered, modified or repaired by anyone other than Cooper Hand Tools; (b) subject to abuse, improper use, negligence, accident or improper storage; (c) installed, used or maintained not in accordance with normal practices or the instructions and specifications of Cooper Hand Tools; or (d) used in conjunction with any product, device, component or system, that is either defective, the source of a defect, or not reasonably intended to be used in conjunction with this product. The foregoing limited warranty is exclusive and in lieu of all other warranties, whether expressed, implied or statutory, including, but not limited to, any warranty of merchantability or fitness for any particular purpose. The obligation of Cooper Hand Tools under this limited warranty is expressly limited to repairing the product, refunding the purchase price or replacing the product, at the sole and absolute discretion of Cooper Hand Tools, at no charge to Buyer. The remedies provided for herein shall constitute the sole recourse of Buyer against Cooper Hand Tools, whether the claim is made in tort or in contract, including claims based on warranty, negligence, strict liability, deceit, fraud, misrepresentation or otherwise. In no event shall Cooper Hand Tools be liable for special, indirect, incidental or consequential damages (regardless of the form of action), nor for lost profits. Cooper Hand Tools liability for any claims or damages arising out of or connected with the manufacture, sale, delivery, use, maintenance, repair or modification of this product shall not exceed its purchase price. Cooper Hand Tools will, during the warranty period, repair, replace or refund the purchase price of any product found to be defective in accordance with this limited warranty. Return freight prepaid with proof of purchase to: For USA; Cooper Hand Tools, 1000 Lufkin Road, Apex, NC 27539.

MODELS D550 & 8200 SERIES SOLDERING GUNS

OTHER USES FOR YOURWELLER SOLDERING GUN

Cutting:

The cutting tip can be used to cut many types of plastic, including expanded polystyrene, acrylics, and vinyl. One handy use may be to cut intricate shapes around pipes and door jambs when installing floor tiles or sheet vinyl.

Burning:

Wood, cork, and leather are ideal materials to decorate using the smoothing tips to “burn” in designs. Use the cutting tip for outlines and fine details and the smoothing tip for “blocking in.” In the course of burning, the tip will collect particles of carbon on it. These must be removed frequently by wiping the tip across a damp sponge. Clean work needs a clean tip.

Smoothing and Bonding:

Plastic articles - toys, etc. - may have rough, unsightly seams, that may even be dangerous for small children to handle. You can smooth these down with the smoothing tip. You may also be able to repair old seams in plastic using suitable plastic filler. In some cases a plastic knitting needle

D550 PROFESSIONAL REPLACEMENT PARTS

Part# Description

7250 Soldering Tips (2/pkg.)

7250 AN Soldering Tips w/ Hex Inserts & Acorn Nuts

6150 Cutting Tips (2/pkg.) (same as 8200)

6130 AN Cutting Tips w/ Hex Inserts & Acorn Nuts

6140 AN Smoothing Tips w/ Hex Inserts & Acorn Nuts

6160 Smoothing Tips (2/pkg.) (same as 8200)

7333 Light Bulb

7324 Switch (same as 8200)

D550-RH Professional Housing (right & left)

Customer Service

1000 Lufkin Road

Apex, NC 27539

1-800-476-3030

WWW.Cooperhandtools.com

Cutting Tip with Hex Nut for D550 Professional Soldering Gun

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Product Details

Catalog No.	6130
UPC Code	037103475589
Fits Tool(s)	D550, D650
Tip Style	Cutting Tip with Hex Nut
Tip Width O/D	.34 in./8.64 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	<u>Solder Safety Warnings.pdf</u>
Low Res. Image	<u>6110_100.jpg</u>
High Res. Image	<u>6110_300.jpg</u>
Stock Item	Normal Stock Item

**Package Details (Dimensions)**

[Email this Page](#)

Product Features:

- **Cutting tip**
- **Made of copper, for Weller soldering guns**

Cutting Tip, Hex Inserts, Acorn Nuts for D550 Professional Soldering Gun

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Product Details

Catalog No.	6130AN
UPC Code	037103592002
Fits Tool(s)	D550, D650
Tip Style	Cutting
Tip Width O/D	.34 in./8.64 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	Solder Safety Warnings.pdf
Low Res. Image	6110_100.jpg
High Res. Image	6110_300.jpg
Stock Item	Normal Stock Item



Package Details (Dimensions)

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Product Features:

- Cutting tip
- Made of copper, for Weller soldering guns

Cutting Tip with Hex Nut for D550 Professional Soldering Gun[<< previous](#) [print](#) [close](#) [next >>](#)**Product Details**

Catalog No.	6140
UPC Code	037103475596
Fits Tool(s)	D550, D650
Tip Style	Smoothing Tip with Hex Nut
Tip Width O/D	.325 in./8.26 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	<u>Solder Safety Warnings.pdf</u>
Low Res. Image	<u>6120_100.jpg</u>
High Res. Image	<u>6120_300.jpg</u>
Stock Item	Normal Stock Item

**Package Details (Dimensions)**[Email this Page](#)**Product Features:**

- Smoothing tip
- Made of copper, for Weller soldering guns

Smoothing Tip Hex Inserts Acorn Nuts for D550 Professional Soldering Gun

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Product Details

Catalog No.	6140AN
UPC Code	037103592019
Fits Tool(s)	D550, D650
Tip Style	Smoothing Tip with Acorn Nut
Tip Width O/D	.325 in./8.26 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	Solder Safety Warnings.pdf
Low Res. Image	6120_100.jpg
High Res. Image	6120_300.jpg
Stock Item	Normal Stock Item



Package Details (Dimensions)

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Product Features:

- Smoothing tip
- Made of copper, for Weller soldering guns

Cutting Tip only for 8200 Universal and D550 Professional Soldering Gun[<< previous](#) [print](#) [close](#) [next >>](#)**Product Details**

Catalog No.	6150
UPC Code	037103480415
Fits Tool(s)	8200/D550/D650
Tip Style	Cutting Tip with Hex Nut
Tip Width O/D	.34 in./8.64 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	<u>Solder Safety Warnings.pdf</u>
Low Res. Image	<u>6110_100.jpg</u>
High Res. Image	<u>6110_300.jpg</u>
Stock Item	Normal Stock Item

**Package Details (Dimensions)**[Email this Page](#)**Product Features:**

- **Cutting tip**
- **Made of copper, for Weller soldering guns**

Smoothing Tip for 8200 Universal Gun and D550 Professional Soldering Gun

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Product Details

Catalog No.	6160
UPC Code	037103480422
Fits Tool(s)	8200/D550/D650
Tip Style	Smoothing Tip with Hex Nut
Tip Width O/D	.325 in./8.26 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	.885 in./22.48 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	Solder Safety Warnings.pdf
Low Res. Image	6120_100.jpg
High Res. Image	6120_300.jpg
Stock Item	Normal Stock Item



Package Details (Dimensions)

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Product Features:

- Smoothing tip
- Made of copper, for Weller soldering guns

Standard Tip Only, for D550 Professional Soldering Gun

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Product Details



Catalog No.	7250W
UPC Code	037103475718
Fits Tool(s)	D550, D650
Tip Style	Standard
Tip Width O/D	.22 in./5.59 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	2.57 in./65.28 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	Solder Safety Warnings.pdf
Low Res. Image	7135W_100.jpg
High Res. Image	7135W_300.jpg
Stock Item	Normal Stock Item

Package Details (Dimensions)

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Product Features:

- Standard tip
- Made of copper, for Weller soldering guns

Standard Tip with Acorn Nut for 7200 Standard Lightweight Soldering Gun

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Product Details

Catalog No.	7250AN
UPC Code	037103592026
Fits Tool(s)	D550
Tip Style	Standard Tip with Acorn Nut
Tip Width O/D	.22 in./5.59 mm
Tip Thickness/Height/I/D	Not Measured
Reach/Length	2.57 in./65.28 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	Solder Safety Warnings.pdf
Low Res. Image	7135W_100.jpg
High Res. Image	7135W_300.jpg
Stock Item	Normal Stock Item

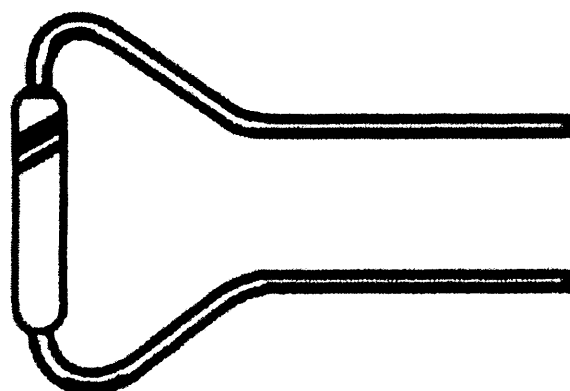


Package Details (Dimensions)

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Product Features:

- Standard tip
- Made of copper, for Weller soldering guns

Rope Cutting Tip for 8200 Soldering Guns[<< previous](#) [print](#) [close](#) [next >>](#)**Product Details**

Catalog No.	RCT
UPC Code	037103590237
Fits Tool(s)	8200
Tip Style	Rope Cutting
Tip Width O/D	1.385 in./35.18 mm
Tip Thickness/Height/ I/D	Not Measured
Reach/Length	1.66 in./42.16 mm
Packaging	Peg Hook/Retail Packaging
Tech. Spec.	<u>Solder Safety Warnings.pdf</u>
Lineart	<u>RTC.pdf</u>
Low Res. Image	<u>RCT_100.jpg</u>
High Res. Image	<u>RCT_300.jpg</u>
Stock Item	Normal Stock Item

Package Details (Dimensions)[Email this Page](#)**Product Features:**

- **Rope cutting tip for 8200 soldering guns**