

Weller

W-60 and W-100
INSTRUCTIONS



MODEL W-60 - Pencil Grip
60W. 120V. Wgt. 2-1/2 oz. 7-1/2" long.
With 5CIN8 800° F. tip, 2 or 3
wire cord.



MODEL W-100 - Pencil Grip
100W. 120V. Wgt. 3-1/2 oz. 8-1/4" long.
With 6CIN8 800° F. Tip. 2 or 3
wire cord.

The W-60 will do the work of 15 to 100 watt conventional irons in typical applications.

The W-100 will do the work of 50 to 150 watt conventional irons in typical applications.

WHY?

Most conventional soldering irons are running full blast while they are idling and most of the energy that they can deliver to the work must be stored in the tip.

Weller Models W-60 and W-100 soldering tools do not depend on the tip to store most of the thermal energy you need to do your work. They have a switch arrangement that senses what is required and delivers it. You select the temperature at which they idle.

WELLER "TEMPERATURE SENSING" TIPS MAKE THE SYSTEM WORK



Permanent magnet is attracted to temperature sensing element when tip is cold. This pulls on power switch. As tip reaches its Curie point, which is the pre-selected temperature of the tip, the temperature sensing

element is no longer able to hold magnet. The magnet retracts, pushing the switch off. When tip cools slightly, the temperature sensing element again attracts permanent magnet to resume heating.

These Weller Industrial Soldering Tools are precision tools of highest efficiency and performance. Reasonable care will assure long life.

Weller tips are premium plated to prevent scaling and freezing. Do not use any lubricants or anti-seizing compounds. Points should not be filed.

Tips are easily removed and replaced by loosening tip nut.

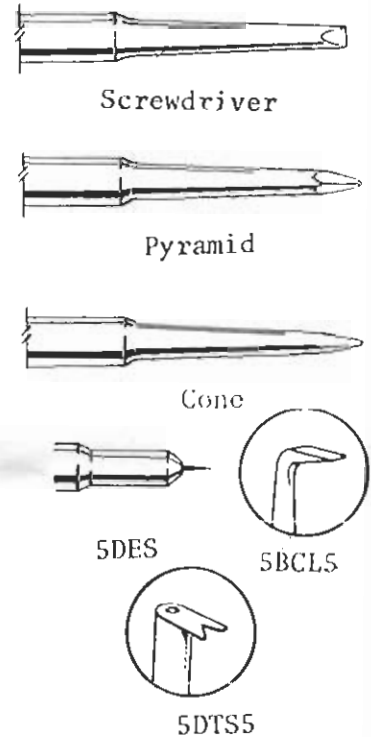
Remove excess solder from tip with a brush or cloth - do not file, as this will damage protective coating. Remove excess flux residue from tip by lightly drawing over wet sponge.

WARRANTY

Weller Industrial Soldering Tools are constructed of the finest materials available. Each tool is thoroughly inspected and tested before leaving the factory. Tools suffering from defective workmanship or materials will be repaired or replaced free of charge F.O.B. factory. Tools that have been used and returned to the factory for repair, will be repaired at a nominal service charge plus cost of parts, F.O.B. factory. Dealers and distributors are not authorized to make repairs or replacements.

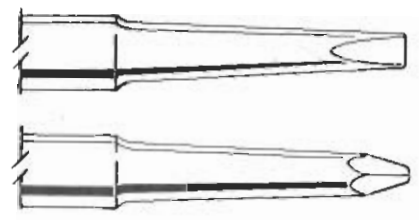
REPLACEMENT TIPS FOR MODEL W-60
1/4" shank diameters

TIP POINT SIZE	DESCRIPTION	REACH	PART NUMBERS			
			500°F.	600°F.	700°F.	800°F.
1/16"	Screwdriver	1-11/32"	5A1L5	5A1L6	5A1L7	5A1L8
1/16"	Screwdriver	1-5/32"	5A1N5	5A1N6	5A1N7	5A1N8
3/32"	Screwdriver	1-5/32"	5B1N5	5B1N6	5B1N7	5B1N8
1/8"	Screwdriver	1-5/32"	5C1N5	5C1N6	5C1N7	5C1N8
1/8"	Pyramid	1-5/32"	5C2N5	5C2N6	5C2N7	5C2N8
1/8"	Cone	1-5/32"	5C3N5	5C3N6	5C3N7	5C3N8
3/16"	Screwdriver	1-5/32"	5D1N5	5D1N6	5D1N7	5D1N8
3/16"	Pyramid	1-5/32"	5D2N5	5D2N6	5D2N7	5D2N8
Conformal Coating-Stripping			5BCL5	--	--	--
Eyelet Cleaning		7/16"	--	--	--	5DES (750°F.)
Wire Stripping		3/4"	5DTS5	--	--	--



REPLACEMENT TIPS FOR MODEL W-100
3/8" shank diameters

TIP POINT SIZE	DESCRIPTION	REACH	PART NUMBERS		
			600°F.	700°F.	800°F.
1/8"	Screwdriver	1-15/32"	6C1N6	6C1N7	6C1N8
1/8"	Pyramid	1-15/32"	6C2N6	6C2N7	6C2N8
3/16"	Screwdriver	1-15/32"	6D1N6	6D1N7	6D1N8
3/16"	Pyramid	1-15/32"	6D2N6	6D2N7	6D2N8
1/4"	Screwdriver	1-15/32"	6E1N6	6E1N7	6E1N8
1/4"	Pyramid	1-15/32"	6E2N6	6E2N7	6E2N8



REPLACEMENT PARTS FOR MODELS W-60 and W-100

HA-1	Handle for W-60 and W-100
CS-3	Cordset and Strain Relief Assembly Kit for W-60, W-100; 2-Cord
CS-4	Cordset and Strain Relief Assembly Kit for W-60, W-100, W-200; 3-Cond.
HE-W60	Heating Element for W-60
HE-W100	Heating Element for W-100
SW-60	Switch Assembly for W-60
SW-100	Switch Assembly for W-100
KN-60	Knurled Tip Fastening Nut for W-60
KN-100	Knurled Tip Fastening Nut for W-100

WELLER ELECTRIC CORP., Easton, Pa.
WORLD LEADER IN SOLDERING TECHNOLOGY