

## The SW 110 Multi-Purpose Welder

- Filament Repair
- Spot Welding
- Resistance Soldering
- Annealing
- Heat Tempering
- Stress Relieving

The versatile SW 110 multi-purpose welder occupies minimum counter space and is very lightweight. It welds with four welding heats and has electrodes that are self-centering. The select-a-matic turrets allow selection of a working electrode combination by rotating the turrets with finger pressure. Latching action automatically aligns and securely holds one of the four electrodes in place.

The heat selector turns the welder on and off and selects both welding and auxiliary heats. Station "S" is for soldering with the turrets rotated to the soldering electrodes. Stations "S" plus #1, 2 and 3 provide progressively higher heats for the auxiliary outlets which are activated by depressing the handrest/tray. Station #4 is for welding only and is not connected to the auxiliary functions. Stations #1, 2, 3 and 4 can all be used for welding.

The lever type operating switch activates the solid-state circuitry releasing a time controlled welding pulse. This switch lever is also used when soldering. The handrest/tray separates the electrodes and activates the auxiliary function switch as well as doubling as a part holding tray. The ready light illuminates when the welder is ready to function. With some of the available accessories it can be used for electro-soldering, heat tempering, and annealing. Output is 4.8 Volts at 36 Amp.



## Auxiliary Cables and Accessories

The auxiliary cables, annealing jack, and plug-in vise are designed to provide auxiliary functions of soldering, annealing, heat tempering and stress relieving when used with the miniature spot welder. The cables have reversible tips which permit several combinations of metal tip, soldering tip and vise tip. Cables come complete with brass tips, wire use tip and carbon soldering tip. They have sturdy white handles, cords and a banana type plug. A plug-in vise can be used to replace one cable when a stationary grip is required for soldering. The annealing plug provides a practical method of softening by removing the temper from sections of wire.



Auxiliary cables, annealing jack, and plug-in vise

**Note:** Electrically conductive materials such as aluminum, copper, gold and silver do not lend themselves to resistance welding.

Part No.	Description	Price each
SW110-B	110V Spot Welder, 1.5 Amp.	

Part No.	Description	Price each
J-431	Auxiliary Cables	

## Copper Replacement Electrodes

Part No.	Description	Price ea.
H101	Lower Ball	
H102	Lower Soldering	
H103	Lower Anvil	
H104	Lower Pointed	
H105	Upper Grooved	
H106	Upper for Carbon Tip	
H107	Upper Blunt	
H108	Upper Pointed	
H109	Carbon Tip, (use with H106)	