

# Model: SC250

## SUPERCHEIF 250 RESISTANCE SOLDERING SYSTEM

American Beauty offers the most advanced and complete line of resistance soldering systems available anywhere in the world. The long awaited arrival of the SuperChief 250 marks a new era in soldering for modelers. The experts have long chosen American Beauty soldering tools because they have learned the hard way that trying to save a buck or two on cheap imported stick irons doesn't pay off. Now here are just a few of the advantages that you will benefit from with your SC250

- Solder, not Desolder - Concentrated heat virtually eliminates the annoying problem of desoldering adjacent joints.
- Improve Solder Joint Quality - Poor solder joints are often the result of insufficient heat throughout the joint, creating weak spots.
- Eliminate Thermal Damage - Traditional soldering methods introduce too much heat into surrounding areas damaging critical components and melting ties.
- Reduce Fatigue and Burns - Light-weight handpieces cool within seconds greatly reducing likelihood of repetitive strain injury and virtually eliminating the burn risk for the user.
- Solder in Tight Spots - Versatile systems allow easy access to restricted areas.
- Cut down on Energy Consumption - Instant heat means you're only paying for the electricity you actually use
- Save on Maintenance and Consumables - Electrodes last twice as long as soldering tips and don't require constant rewetting.

Stop hating your hobby every time you need to solder. Try American Beauty's SuperChief 250 Resistance Soldering System today, and re-ignite your passion.



### FEATURES AND BENEFITS

**250 Watts (2.8 VAC) of Infinitely Variable Power** provides the ideal combination of intensity and control for successfully soldering standard modeling connections up to and including all **HO scale** and some O scale.

**Light-weight, palm-sized hand piece with comfort grip padding** is extremely easy to use and master. Melting ties will certainly become a thing of the past.

**Copper-coated, stainless steel electrodes** are thin enough to permit soldering in the tightest of areas, yet strong enough to last much longer than soldering iron tips.

**Footswitch** permits hands-free activation of power, vastly improving control while soldering and virtually eliminating the sparking that is common with other brands of resistance based systems.

### REPLACEMENT PARTS

The following products can be used as replacements for Model SC250 featured on this page:

Model	Product Name
10519	Standard Footswitch
10541	Light Tweezer Style Handpiece
10542	5/64" Steel Electrodes for Resistance Soldering
105A12	250 Watt Infinitely-Variable Resistance Soldering Power Unit

## TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	250 watts
Opening between Electrodes	.25 in / 0.64 cm
Electrode Size/Diameter	.078 in / 0.20 cm
Stand included?	No
Available in a 220-240 VAC?	Yes, available upon request
Package Dimensions (Inches)	10 x 8 x 6
Package Weight	8.5 lbs / 3.86 kg
Country of Origin	US
Harmonization Code:	8515.11.0000
RoHS Compliant	Yes
IEC 60335-1, Edition 5.1, 2013-12	Yes
WEEE Compliant	Yes
CE Certified	Yes
Safety Data Sheets	N/A
Warranty Policy	Details
User Manual	User Manual

## APPLICATIONS

Users of this product have stated that they use it for several jobs which include but are not limited to:

1. Soldering model rail-road to O scale or equivalent
2. Soldering lead wires to railway track
3. Soldering prefab of delicate details on exact scale models of railroad track and operating components.
4. Soldering Professional Model Builder
5. Soldering hobby model railroad & electronix
6. Soldering brass structures
7. Soldering Miniatures

## END-OF-LIFE INSTRUCTIONS

In an effort to reduce waste and comply with WEEE directive, please do not dispose of product. All American Beauty Tools are serviceable and can be repaired and/or replaced. Please contact manufacturer to make arrangements.