

# Model: 10557

## RESISTANCE BRAZING SYSTEM



American Beauty offers the most advanced and complete line of resistance soldering systems available anywhere in the world. Here are just a few of the advantages that you will find with resistance soldering systems:

- Smash Operational Bottlenecks - Concentrated heat reduces solder time many times over.
  - 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 or desoldering of previously soldered joints.
  - Reduce Liability - 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 not paying to heat a soldering station all day long.
  - Save on Maintenance and Consumables - Electrodes last twice as long as soldering tips and don't require constant rewetting.
- Stop trying to perform your difficult soldering operation the same old way with the same old tools. Try an American Beauty Resistance Soldering System today.

### FEATURES AND BENEFITS

Three tap selectable power outputs of 500, 1300 and 1800W. (2.3 to 7.2VAC) is rated to sweat-solder thin wall copper tubing up to approximately 1.5" dia. and braze similar materials up to approximately 3/8" dia.

**Heavy-Duty Plier Style Handpiece** offers a good compromise between handpiece weight and longevity.

**Carbon block electrodes** can be easily notched/shaped, allowing the user to customize the handpiece to their specific application.

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

### APPLICATIONS

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

1. Brazing repairs for Refrigeration Sealed Systems
2. Connecting contact rings
3. Brazing electric windings

## TECHNICAL SPECIFICATIONS

Connection Type	Ring Terminals
Wattage	1800 watts
Opening between Electrodes	3 in / 7.62 cm
Electrode Size/Diameter	.50 in / 1.27 cm
Available in a 220-240 VAC?	Yes, available upon request
Product Width	12.50 in / 31.75 cm
Product Height	14.00 in / 35.56 cm
Package Weight	39.25 lbs / 17.80 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
Warranty Policy	Details
User Manual	User Manual
Product Lgth	12.75

## SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 10557 featured on this page:

Model	Product Name
10577	High Capacity Resistance Brazing System

## REPLACEMENT PARTS

The following products can be used as replacements for Model 10557 featured on this page:

Model	Product Name
10519HW	High-Wattage Footswitch
10565	Concave Carbon Block Electrodes for Resistance Soldering
10587	Heavy-Duty Plier Style Handpiece
105C2	1,800 Watt High Capacity Resistance Soldering Power Unit

## 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.