

Model: 10557-SZC

RESISTANCE BRAZING SYSTEM C

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

- Braze Fast and Easy - Concentrated heat allows even beginners to reduce braze time many times over.
- No Flame = No Problems - Nature of tool ensures compliance with facilities that ban open flame.
- Improve Braze Joint Quality - Poor braze joints are often the result of insufficient heat throughout the joint, creating weak spots.
- Eliminate Thermal Damage - Traditional brazing methods introduce too much heat into surrounding areas damaging critical components or adversely affecting previously completed joints.
- Reduce Liability - Handpieces cool quickly; greatly reducing risks of burns or accidental fires.
- Braze in Tight Spots - Versatile systems allow easy access to restricted areas.
- Save on Maintenance and Consumables - Only consumable is electrodes, and they last for months on end.

Stop trying to perform your difficult brazing operation the same old way with the same old tools. Try an American Beauty Resistance Brazing System today.

ACCESSORIES

The following products can be used as Accessories for Model 10557-SZC featured on this page:

Model	Product Name
10565	Concave Carbon Block Electrodes for Resistance Soldering
10566	Carbon Block Electrodes for Resistance Soldering
10588	1/2" Dual Probe Style Handpiece
CS-FX3	Flux_4 oz Jar with Cap Brush
CS-PBF2	Solder Spool



FEATURES AND BENEFITS

1,800 Watts (7.2 VAC) of Power Three tap selectable power outputs of 500, 1300 and 1800W. 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 on Refrigeration Sealed Systems

TECHNICAL SPECIFICATIONS

Connection Type	Ring Terminals
Wattage	1,800 watts
Electrode Size/Diameter (Palm-Sized Handpiece)	1/4 Inch
Opening between Electrodes (Palm-Sized Handpiece)	1/2 Inch
Electrode Size/Diameter (Large Handpiece)	1/2 Inch
Opening between Electrodes (Large Handpiece)	3 Inch
Available in a 220-240 VAC?	Yes, available upon request
Product Length	12.25 in / 31.12 cm
Product Width	12.5 in / 31.75 cm
Product Height	14.00 in / 35.56 cm
Package Weight	46 lbs / 20.87 kg
Country of Origin	US
Harmonization Code:	8515.11.0000
Cage Code	02105
RoHS Compliant	Yes
BS EN IEC 60335-1:2023+A11:2023	Yes
BS EN IEC 61558-2-6 2001, UL 5085-3 2022	Yes
BS EN 60335-2-45:2002+A11:2023	Yes
WEEE Compliant	Yes
CE Certified	Yes
Instruction Sheet (PDF)	Converting to 90 Degree Position
Warranty Policy	Details
User Manual	User Manual

REPLACEMENT PARTS

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

Model	Product Name
105159	Small Carbon Block Electrodes for Resistance Soldering
10519HW	High-Wattage Footswitch
105358-SZ	Palm-Sized Brazing Handpiece
10564	Resistance Brazing Electrodes
10587-SZ	Heavy-Duty Brazing Hand-Piece
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.