

# Model: 10535

## FIXED DUAL PROBE RESISTANCE SOLDERING 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.

### ACCESSORIES

The following products can be used as Accessories for Model 10535 featured on this page:

Model	Product Name
105127	Standard Tweezer Style Handpiece
105258	Standard Plier Style Handpiece
105PTM	Resistance Soldering Precision Timer Module
CS-FX2	Flux_2oz Jar
CS-FX4	Ruby Fluid Liquid Flux
CS-PBF2	Solder Spool

### FEATURES AND BENEFITS

**1,100 Watts (5.8 VAC) of Power** with 23 unique settings (**Warning ~ Do not switch power settings while under load.**) provides the maximum output for handpieces that utilize tapered pin connection styles.

**Dual 1/2" Probe-Style Panel attachment** eliminates operator fatigue associated with holding a handpiece. **Highly Adjustable Electrode Mounting** Allows for Precise control for Specific application Requirements..

**Copper-coated carbon electrodes** can be easily notched/shaped, allowing the user to customize them 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. Soldering wire harness assemblies in production environment

## TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	1100 watts
Electrode Size/Diameter	.50 in / 1.27 cm
Available in a 220-240 VAC?	Yes, available upon request
Product Length	12.25 in / 31.12 cm
Product Width	12.25 in / 31.12 cm
Product Height	11 in / 27.94 cm
Package Dimensions (Inches)	14 x 14 x 10
Package Weight	24.45 lbs / 11.09 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
Warranty Policy	Details
User Manual	User Manual

## SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 10535 featured on this page:

Model	Product Name
10507	Standard Capacity Plier-Style Resistance Soldering System
10509	Standard Capacity Probe-Style Resistance Soldering System

## REPLACEMENT PARTS

The following products can be used as replacements for Model 10535 featured on this page:

Model	Product Name
10513A	Dual-Probe Panel Attachment w. 1/2" Electrodes
10519	Standard Footswitch
10534	1/2" Carbon Electrodes for Resistance Soldering
105B2	1,100 Watt Selectively-Variable 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.