



### Description

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.

### Related Products

The following products are related (similar model but different specifications, etc.) to Model 10506 featured on this page:

Model	Product Name
10507	Standard Capacity Plier-Style Resistance Soldering System
105PTM	Resistance Soldering Precision Timer Module

### Replacement Products

The following products can be used as replacements for Model 10506 featured on this page:

Model	Product Name
105158	Light Plier Style Handpiece
105159	Small Carbon Block Electrodes for Resistance Soldering
10519	Standard Footswitch
105A12	250 Watt Infinitely-Variable Resistance Soldering Power Unit

### Applications

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

1. Soldering connectors in a production environment
2. Soldering feedthru pins and preforms to housing

### Technical Specifications

RoHS Compliant	Yes
Available in 220-240VAC?	Yes
Wattage	250 watts
Opening between Electrodes	.25 in / 0.64 cm
Electrode Size/Diameter	.25 in / 0.64 cm
Connection Type	Tapered Pins
Country of Origin	US
Package Length	10.25 in / 26.04 cm
Package Width	8.25 in / 20.96 cm
Package Height	6.50 in / 16.51 cm
Shipping Weight	8.50 lbs / 3.86 kg

### User Information and Instruction Sheet