



### 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 105L7 featured on this page:

Model	Product Name
105K5	Ultra-High Capacity Tweezer-Style Resistance Soldering System
105PTM	Resistance Soldering Precision Timer Module

### Replacement Products

The following products can be used as replacements for Model 105L7 featured on this page:

Model	Product Name
105127	Standard Tweezer Style Handpiece
10519	Standard Footswitch
10594	1/8" Steel Electrodes for Resistance Soldering
105B2	1,100 Watt Selectively-Variable Resistance Soldering Power Unit

### Applications

### Technical Specifications

RoHS Compliant	Yes
Available in 220-240VAC?	Yes
Wattage	1100 watts
Opening between Electrodes	.625 in / 1.59 cm
Electrode Size/Diameter	.125 in / 0.32 cm
Connection Type	Tapered Pins
Country of Origin	US
Package Length	12.25 in / 31.12 cm
Package Width	12.25 in / 31.12 cm
Package Height	10.75 in / 27.31 cm
Shipping Weight	24.95 lbs / 11.32 kg

### User Information and Instruction Sheet

Other Product Data Sheets

### Features and Benefits

**1,100 Watts (5.8 VAC) of Power** with 23 unique settings provides the maximum output for handpieces that utilize tapered pin connection styles.

**Light-weight, palm-sized hand piece with comfort grip padding** minimizes operator fatigue.

**Copper-coated, stainless steel electrodes** can be easily bent, 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.