

# Model: 105L9

## LIGHT CAPACITY PROBE-STYLE 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 105L9 featured on this page:

Model	Product Name
105PTM	Resistance Soldering Precision Timer Module
105V12	Grounding Vise for Holding Parts Hands-Free

### FEATURES AND BENEFITS

**250 Watts (2.8 VAC) of Infinitely Variable Power** provides the ideal combination of intensity and control.

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

**Copper-coated carbon 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.

### REPLACEMENT PARTS

The following products can be used as replacements for Model 105L9 featured on this page:

Model	Product Name
10512A	Return Lead w. Alligator Clip
10519	Standard Footswitch
10525	3/16" Carbon Electrodes for Resistance Soldering
10573	3/16" Carbon Probe Style Handpiece
105A12	250 Watt Infinitely-Variable Resistance Soldering Power Unit

## TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	250 watts
Electrode Size/Diameter	.1875 in / 0.48 cm
Available in a 220-240 VAC?	Yes, available upon request
Product Width	8.25 in / 20.96 cm
Product Height	6.50 in / 16.51 cm
Package Weight	8.55 lbs / 3.88 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	10.25

## SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 105L9 featured on this page:

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

## APPLICATIONS

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

1. Soldering commercial sheetmetal soldering in locations where propane and open flames are prohibited (hospitals, refineries, etc.)
2. Assembly of night vision & thermal imaging technology
3. Soldering connections on a variety of hobbies, including electronics, tube amps and slot cars

## 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.