

## Model: 105H9

### HIGH 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 105H9 featured on this page:

Model	Product Name
10513A	Dual-Probe Panel Attachment w. 1/2" Electrodes
105358	Industrial Plier Style Handpiece
105HCPTM	High Capacity Precision Timer Module
CS-FX3	Flux_4 oz Jar with Cap Brush
CS-PBF2	Solder Spool

#### FEATURES AND BENEFITS

**1,800 Watts (6.9 VAC) of Power** with 23 unique settings (**Warning ~ Do not switch power settings while under load.**) provides intense power required to overcome difficult heat sinks.

**Contoured Bakelite handle** Provides a smooth, comfortable grip. **Adapter accepts electrodes either straight or at an angle** Helps provide versatility and ergonomic comfort.

**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.

#### APPLICATIONS

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

1. Brazing flat copper tubing for a hermetic seal
2. Soldering heavy duty terminals
3. Building brass stands for museum artifacts
4. Attaching heavy-duty leads

## TECHNICAL SPECIFICATIONS

Connection Type	Ring Terminals
Wattage	1800 watts
Electrode Size/Diameter	.25 in / 0.64 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	10.50 in / 26.67 cm
Product Weight	32.5 lbs / 14.74 kg
Package Dimensions (Inches)	16x16x12
Package Weight	35 lbs / 15.88 kg
Country of Origin	US
Cage Code	02105
Harmonization Code:	8515.11.0000
RoHS Compliant	Yes
BS EN IEC 61558-2-6 2001, UL 5085-3 2022	Yes
BS EN IEC 60335-1:2023+A11:2023	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 105H9 featured on this page:

Model	Product Name
10509	Standard Capacity Probe-Style Resistance Soldering System
105U9	Probe-Style Resistance Brazing System

## REPLACEMENT PARTS

The following products can be used as replacements for Model 105H9 featured on this page:

Model	Product Name
10511I	1/4" Industrial Probe Style Handpiece
10512I	Industrial Return Lead w. Standard Clamp
10519HW	High-Wattage Footswitch
10549	1/4" Carbon Electrodes for Resistance Soldering
105C1	1,800 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.