

Model: 10508

ULTRA-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 10508 featured on this page:

Model	Product Name
10552	5/64" Probe Style Handpiece
10572	1/8" Carbon Probe Style Handpiece
105PTM	Resistance Soldering Precision Timer Module
CS-FX1	Flux Pen
CS-PBF1	Solder Tube
HS-A	Heat Sink - Micro Alligator Clip
HS-B	Heat Sink - Alligator Clip

FEATURES AND BENEFITS

100 Watts of (2.6 VAC) Infinitely Variable Power permits precision soldering and avoids damage caused by thermal overshoot.

Light-weight, palm-sized nylon hand piece with comfort grip padding minimizes operator fatigue. Provides electrical and thermal insulation during use.

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 10508 featured on this page:

Model	Product Name
10512A	Return Lead w. Alligator Clip
10515	3/32" Probe Style Handpiece
10519	Standard Footswitch
10530	3/32" Carbon Electrodes for Resistance Soldering
105A3	100 Watt Infinitely-Variable Resistance Soldering Power Unit

TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	100 watts
Electrode Size/Diameter	.094 in / 0.24 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	5.25 lbs / 2.38 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

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.

SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 10508 featured on this page:

Model	Product Name
105L9	Light Capacity Probe-Style Resistance Soldering System