PRODUCT DATA SHEET

Model: 10505

ULTRA-HIGH CAPACITY PLIER-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 10505 featured on this page:

Model	Product Name
105HCPTM	High Capacity Precision Timer Module

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.

Heavy-Duty Plier Style Handpiece offers a good compromise between handpiece weight and longevity.

Carbon block 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 10505 featured on this page:

Model	Product Name
10519HW	High-Wattage Footswitch
10565	Concave Carbon Block Electrodes for Resistance Soldering
10587	Heavy-Duty Plier Style Handpiece
105C1	1,800 Watt Selectively-Variable Resistance Soldering Power Unit

TECHNICAL SPECIFICATIONS

Connection Type	Ring Terminals
Wattage	1800 watts
Opening between Electrodes	3 in / 7.62 cm
Electrode Size/Diameter	.50 in / 1.27 cm
Available in a 220-240 VAC?	Yes, available upon request
Product Width	12.25 in / 31.12 cm
Product Height	10.75 in / 27.31 cm
Package Weight	33.75 lbs / 15.31 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	12.25

SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 10505 featured on this page:

Model	Product Name
10577	High Capacity Resistance Brazing System

APPLICATIONS

Users of this product have stated that they use it for several jobs which include but are not limited to:
1. Soldering thin wall copper pipe up to 1-1/2" dia.
2. Soldering large lug terminations onto custom cable assemblies
3. Soldering terminations into large, close-nested, military connectors
4. Brazing thin wall copper tubing up to 3/8"
5. Brazing copper wire connectors
6. Soldering blocks of 0.007" laminations on heat treat coils
7. Repairing aircraft propellers
8. Brazing aircraft component parts during overhauls
9. Soldering military avionics components

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.