

Model: RS431

'WELTER WEIGHT' DUAL CARBON 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.



FEATURES AND BENEFITS

1,100 Watts (5.8 VAC) of Power with 23 unique settings (**Warning ~ Do not switch power settings while under load.**) 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.

Carbon electrodes can be easily pushed through the back of handpiece to maximize usage.

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 RS431 featured on this page:

Model	Product Name
10519	Standard Footswitch
105B2	1,100 Watt Selectively-Variable Resistance Soldering Power Unit
105CE532_25	Plain Carbon Electrodes
105L431	5/32" Double Carbon Electrode Handpiece

TECHNICAL SPECIFICATIONS

Connection Type Ring Terminals

Wattage	1,100 watts
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