

# Model: 105RFM

## MICRO CAPACITY REFLOW SYSTEM

Wirestripping and Reflow systems differ from the other styles of resistance soldering systems, as these systems pass a controlled current through a closed-loop resistive material, creating a hot formed wire that can be used to strip insulating jackets off wires (including Teflon and other PTFE-type materials), used as a hot-knife to melt and trim plastics and waxes, reflow solder balls, and even perform some wood burning.

### ACCESSORIES

The following products can be used as Accessories for Model 105RFM featured on this page:

Model	Product Name
105131	Micro Wirestripping Handpiece
105133	Micro Tweezer Style Handpiece



### FEATURES AND BENEFITS

**100 Watts of (2.6 VAC) Infinitely Variable Power** permits quick reflow of solder pads Limit output power to 2 watts for best results.

**Light-weight, palm-sized hand piece** minimizes operator fatigue. Provides excellent electrical and thermal insulation.

**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.

**10 ft Ni-Chrome Spool replacement elements** allowing user to find the perfect fit for their application. **Light Weight Flexible cables** For less operator fatigue during tedious and meticulous applications.

### REPLACEMENT PARTS

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

Model	Product Name
105123	Micro Reflow Handpiece
10519	Standard Footswitch
105A3	100 Watt Infinitely-Variable Resistance Soldering Power Unit

## TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	100 watts
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	5.0 lbs / 2.27 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
Product Lgth	8.25

## 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 105RFM featured on this page:

Model	Product Name
10501	Ultra-Light Capacity Tweezer-Style Resistance Soldering System
10503M	Micro Capacity Wirestripping System
10599	Micro Capacity Tweezer-Style Resistance Soldering System