



## Description

American Beauty solder pots are recognized throughout the industry for **superior performance** and **reliable control** of solder temperature. Customer have used phrases such as; bullet proof and glutton for punishment when describing their American Beauty pots. If your need is a pot that will work day after day, month after month, this is the product for you. Combine with our Voltage Controller (Model V3700) if you require tight temperature regulation.

Uses include tinning the ends of stranded wire leads, pre-tinning small electrical parts, re-tinning soldering iron tips and dip soldering small circuit boards. Internal dross is moved to lip where it cinders away. Dross skimmers are safer and more efficient than paddles, spoons and sticks that contaminate solder and lower temperature.

It takes approximately 3 bars of our CS-PBF3 or CS-PB50-3 to fill our one pound pot.

## Features and Benefits

Suitable for Lead-Free Operation. Grey Cast iron crucible is chemically stable and highly resistant to the corrosive nature of lead-free solders.

Wide lipped crucible for easy fixture mounting

Designed with cartridge heating elements inserted directly into the crucible, creating a superior method of heat application.

Internal removable dross skimmer increases operator safety and maintains solder purity and temperature.

## Technical Specifications

<b>Wattage</b>	320 watts
<b>Maximum Temperature</b>	850 °F / 454°C
<b>Temperature Range</b>	350-850 °F / 177-454 °C
<b>Temperature Variation from Set Point</b>	50
<b>Available in a 220-240 VAC?</b>	Yes, available upon request
<b>Net Volume</b>	Approx 7 cubic inches. Between 2-1/2 and 3-1/2 pounds of solder, dependent upon composition.
<b>Solder Bath Depth</b>	1.5 in / 3.81 cm
<b>Solder Bath Diameter</b>	2.25 in / 5.72 cm
<b>Product Length</b>	6.5 in / 16.51 cm
<b>Product Width</b>	6 in / 15.24 cm
<b>Product Height</b>	4.5 in / 11.43 cm
<b>Package Dimensions (Inches)</b>	8 x 8 x 6
<b>Package Weight</b>	6.0 lbs / 2.72 kg
<b>Country of Origin</b>	US
<b>Harmonization Code:</b>	8515.11.0000
<b>RoHS Compliant</b>	Yes
<b>WEEE Compliant</b>	Yes
<b>Warranty Policy</b>	Details
<b>User Manual</b>	User Manual

## Applications

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

1. Pre-tinning various sizes of electrical wire
2. Pre-tinning wires & cables
3. Testing thermal stress and solderability for microsectioning circuit boards
4. Pre-tinning tinning of 120/31 LITZ wire.

5. Dip soldering magnet wire
6. Dip soldering various components, both daily and low volumes
7. Pre-tinning **automotive** product

## Replacement Parts

The following products can be used as replacements for Model 300 featured on this page:

Model	Product Name
302	Replacement Dross Skimmer for 1 Pound Solder Pot
8054-5	Replacement Fuses
8055	Replacement Thermostat
9301	Replacement Heating Element for 1 Pound Solder Pot

## Accessories

The following products can be used as Accessories for Model 300 featured on this page:

Model	Product Name
V3700	Voltage Controller for Heavy-Duty Irons & Pots

## Similar Products

The following products are related (similar model but different specifications, etc.) to Model 300 featured on this page:

Model	Product Name
600	Mid Capacity Solder Pot
PF-300	Pre-filled 1lb Solder Pot (Pb Free)

## 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.