



## 1lb General Purpose Industrial Solder Pot Model: 300



### 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.

### 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>Is a high voltage version (220-240VAC) available?</b>	Yes
<b>Solder Bath Diameter</b>	2.25 in / 5.72 cm
<b>Solder Bath Depth</b>	1.5 in / 3.81 cm
<b>Temperature Variation from Set Point (+/-)</b>	50
<b>Temperature Range</b>	350-850 °F / 176.67°C
<b>Maximum Temperature</b>	850 °F / 454.44°C
<b>Wattage</b>	320 watts
<b>User Manual</b>	Download
<b>RoHS Compliant</b>	Yes
<b>Country of Origin</b>	US
<b>Package Length</b>	10.25 in / 26.04 cm
<b>Package Width</b>	8.25 in / 20.96 cm
<b>Package Height</b>	6.5 in / 16.51 cm
<b>Shipping Weight</b>	6.35 lbs / 2.88 kg
<b>Warranty Policy</b>	Details

## 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	Price
302	Replacement Dross Skimmer	\$21.00
8055	Replacement Thermostat	\$35.20
9301	Replacement Heating Element for Model 300 Solder Pot	\$32.00

## Similar Products

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

Model	Product Name	Price
600	2-1/2lb General Purpose Industrial Solder Pot	\$384.00