

# Model: 300

## ONE POUND SOLDER POT

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. 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 1 bar of our CS-PBF4 or 3 bars of our CS-PB50-3 to fill our one pound 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 |



### 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.

### 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   |
| 8050   | Replacement Indicator Light                        |
| 8054-5 | Replacement Fuses                                  |
| 8055   | Replacement Thermostat                             |
| 9301   | Replacement Heating Element for 1 Pound Solder Pot |

## TECHNICAL SPECIFICATIONS

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

## 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             |
| D-300  | One Pound Digital Solder Pot        |
| PF-300 | Pre-filled 1lb Solder Pot (Pb Free) |

## 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

## 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.