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**Solder Pots**

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- Soldering Irons

- 1/8" Pencil-Style (20 to 30 Watts)
- 3/16" Pencil-Style (25 to 35 Watts)
- 1/4" Pencil-Style (40 to 60 Watts)
- 1/4" Heavy-Duty (60 & 75 Watts)
- 3/8" Heavy-Duty (100 to 175 Watts)
- 5/8" Heavy-Duty (200 & 250 Watts)
- 7/8" Heavy-Duty (300 Watts)
- 1-1/8" Heavy-Duty (550 Watts)

- Ergo Irons

- 1/4" Heavy-Duty (60 & 75 Watts)
- 3/8" Heavy-Duty (100 to 175 Watts)
- 7/8" Heavy-Duty (300 Watts)
- 5/8" Heavy-Duty (200 & 250 Watts)
- 1-1/8" Heavy-Duty (550 Watts)

- Stations & Controllers

- 60 Watt Industrial Station
- 40 Watt Industrial Station
- 20 Watt Industrial Station
- Voltage Controller

- Soldering Tips

- Tips for 1/8", 20 to 30 Watt Pencil Irons
- Tips for 3/16", 25 to 35 Watt Pencil Irons
- Tips for 1/4", 40 to 60 Watt Pencil Irons
- Tips for 1/4", 60 to 75 Watt Irons
- Tips for 3/8", 100 to 175 Watt Irons
- Tips for 5/8", 200 & 250 Watt Irons
- Tips for 7/8", 300 Watt Irons
- Tips for 1-1/8", 550 Watt Irons

- Resistance Soldering

- Micro Capacity Tweezer System
- Ultra-Light Capacity Tweezer System
- Light Capacity Tweezer System
- Standard Capacity Tweezer System
- High Capacity Tweezer System
- Ultra-High Capacity Tweezer System
- Light Capacity Plier System
- Standard Capacity Plier System
- High Capacity Plier System
- Ultra-High Capacity Plier System
- Medium Duty Plumbing System
- Heavy Duty Plumbing System
- Ultra-Light Capacity Probe System
- Light Capacity Probe System

- Standard Capacity Probe System
  - High Capacity Probe System
  - Ultra-High Capacity Probe System
  - Fixed Dual Probe System
- Thermal Strippers
  - Standard Capacity System
  - Micro Capacity System
  - Production Capacity System
- Soldering Pots
  - 1 Pound Capacity
  - 2-1/2 Pound Capacity
  - theMiniPOT
- Accessories
  - Desoldering Braid - Size One (.035")
  - Desoldering Braid - Size Two (.055")
  - Desoldering Braid - Size Three (.075")
  - Desoldering Braid - Size Four (.098")
  - Desoldering Braid - Size Five (.130")
  - Dri-Wick in Thumb-Wheel Dispenser
  - Heat Sink - Micro Alligator
  - Heat Sink - Alligator Clip
  - Heat Sink - Alligator Clip w. Barrel
  - Solder Sucker (3 oz)
  - 'One-Pass' Solder Tip Cleaner
  - 'Well-Type' Solder Tip Cleaner



1lb General Purpose Industrial Solder Pot Model 300

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- Description
- Features & Benefits
- Related Parts
- Replacement Parts
- Applications
- Technical Specifications

- Test and Evaluation
  - 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.
  - Repair and Refurb
 

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.
  - Tech Handouts
  - FAQs
  - Contact
  - Search
  - Videos on YouTube
- Related Products
 

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

Model	Product Name	MSRP
600	2-1/2lb General Purpose Industrial Solder Pot	
V3700	Voltage Controller for Heavy-Duty Irons & Pots	

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

Model	Product Name	MSRP
302	Replacement Dross Skimmer	\$21.00
8055	Replacement Thermostat	\$35.20
9301	Replacement Heating Element for Model 300 Solder Pot	\$31.00

#### 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 pre-cut wire
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

#### Technical Specifications

RoHS Compliant	Yes
Available in 220-240VAC ?	Yes
Solder Bath Diameter	2.25 in / 5.72 cm
Solder Bath Depth	1.5 in / 3.81 cm
Temperature Variation from Set Point (+/-)	50
Temperature Range	350-850 °F / 176.67°C
Maximum Temperature	850 °F / 454.44°C
Wattage	320 watts
Country of Origin	US
Package Length	10.25 in / 26.04 cm
Package Width	8.25 in / 20.96 cm
Package Height	6.5 in / 16.51 cm
Shipping Weight	6.35 lbs / 2.88 kg

#### User Information and Instruction Sheet

##### 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.