

Model: 105A12

250 WATT INFINITELY-VARIABLE RESISTANCE SOLDERING POWER UNIT



The backbone of any resistance soldering system is a high quality power unit. American Beauty's resistance power units are recognized industry-wide for their performance, reliability and safety. Common features include fail-safe devices to ensure ultimate user safety, flexibility to operate a variety of hand pieces, and our outstanding three-year warranty, guaranteeing the product to be free from manufacture defect and to work properly under normal operating conditions.

To increase application flexibility, Taper Pin receptacles are pre-tapped to be able to accept 1/4-20 (do not exceed 3/4" length) threaded bolts. This gives you the ability to attach handpieces with 1/4" ring terminals in place of taper pins.

ACCESSORIES

The following products can be used as Accessories for Model 105A12 featured on this page:

Model	Product Name
105127	Standard Tweezer Style Handpiece
10517	Standard Wirestripping Handpiece
10541	Light Tweezer Style Handpiece
105PTM	Resistance Soldering Precision Timer Module
105V12	Grounding Vise for Holding Parts Hands-Free
484-3G	Dri-Wick Desoldering Braid (Size Three~Spool)
CS-FX1	Flux Pen
CS-FX2	Flux_2oz Jar
CS-FX4	Ruby Fluid Liquid Flux
CS-PBF1	Solder Tube
CS-PBF2	Solder Spool
HS-B	Heat Sink - Alligator Clip
HS-C	Heat Sink - Alligator Clip w. Barrel

FEATURES AND BENEFITS

250 Watts of (2.7 VAC) Infinitely Variable Power Step-less Dialing, to 100 % of the available output for precise and consistent repeatability, provides the ideal combination of intensity and control.

Heavy-Duty Aluminum case Combines rugged construction with economy and convenience to help protect your investment for a lifetime of un-interrupted service.

Tested to all relevant Safety Standards for CE & RoHS compliance, In order to ensure the highest level of operator health & safety in every working environment.

Tapered pin receptacles These allow for quick interchange of various soldering, brazing and thermal wire-stripping handpieces, like tweezers, pliers and probes. Plug the taper pin in turning slightly for a tight friction fit.

APPLICATIONS

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

1. Soldering for tinel ring

TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	250 watts
Available in a 220-240 VAC?	Yes, available upon request
Product Length	7-1/4 in
Product Width	4-1/2 in
Product Height	3-1/4 in
Product Weight	3 lbs / 1.36 kg
Package Dimensions (Inches)	5 x 6-1/4 x 8-1/4
Package Weight	7.00 lbs / 3.18 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
WEEE Compliant	Yes
CE Certified	Yes
Warranty Policy	Details
User Manual	User Manual

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 105A12 featured on this page:

Model	Product Name
10502	Light Capacity Tweezer-Style Resistance Soldering System
10504	Standard Capacity Tweezer-Style Resistance Soldering System
10506	Light Capacity Plier-Style Resistance Soldering System
105L9	Light Capacity Probe-Style Resistance Soldering System