

# Model: 105B2

## 1,100 WATT SELECTIVELY-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. For Higher output Power Unite, there are THREE terminal bolts or receptacles. When attaching handpieces or accessories only two of these terminal connectors will be used.*

### ACCESSORIES

The following products can be used as Accessories for Model 105B2 featured on this page:

Model	Product Name
10511	1/4" Probe Style Handpiece
10512	Return Lead w. Standard Clamp
105127	Standard Tweezer Style Handpiece
105258	Standard Plier Style Handpiece
105PTM	Resistance Soldering Precision Timer Module
485-8C	Dri-Wick Desoldering Braid in Thumb-Wheel Dispenser
CS-FX2	Flux_2oz Jar
CS-FX4	Ruby Fluid Liquid Flux
CS-PBF2	Solder Spool

### FEATURES AND BENEFITS

**1,100 Watts (5.8 VAC) of Power** with 23 unique settings **(\*Do not switch power settings while under load.\*)** provides the maximum output for handpieces that utilize tapered pin connection styles.

**Heavy-Duty Steel console-type 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.

## TECHNICAL SPECIFICATIONS

Connection Type	Tapered Pins
Wattage	1100 watts
Available in a 220-240 VAC?	Yes, available upon request
Product Length	8.75 in / 22.23 cm
Product Width	7.75 in / 19.69 cm
Product Height	6.75 in / 17.15 cm
Product Weight	20 lbs / 9.07 kg
Package Dimensions (Inches)	14x14x10
Package Weight	22.20 lbs / 10.07 kg
Country of Origin	US
Harmonization Code:	8515.11.0000
Cage Code	02105
RoHS Compliant	Yes
BS EN IEC 61558-2-6 2001, UL 5085-3 2022	Yes
BS EN IEC 60335-1:2023+A11:2023	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 105B2 featured on this page:

Model	Product Name
10507	Standard Capacity Plier-Style Resistance Soldering System
10509	Standard Capacity Probe-Style Resistance Soldering System
10535	Fixed Dual Probe Resistance Soldering System
105L7	High Capacity Tweezer-Style Resistance Soldering System