

# Model: A41006

## 100 WATT, 1/4" MEDIUM-DUTY SOLDERING IRON

Designed to provide dependable service on busy production lines, in factory technical departments, in the shops of skilled artisans and in the hands of serious hobbyists. These irons are built around the ESICO Ni-Chrome Compression wound, mica insulated element. This tool is engineered for quick heat production, transfer and thermal recovery. The stainless steel stem assures cooler handles. Tips are precision machined from tellurium copper to assure maximum rapid heat transfer and electro-plated iron and nickel-chrome for the longest tip life, protecting it from thermal oxidation, flux and the aggressive nature of tin found in many solder alloys. Excellent for sheet metal, light electrical and heavy electronic applications.

### ACCESSORIES

The following products can be used as Accessories for Model A41006 featured on this page:

Model	Product Name
42D	Diamond Style Soldering Tip
42S	Screwdriver Style Soldering Tip
481	'Well-Type' Solder Tip Cleaner
484-4G	Dri-Wick Desoldering Braid (Size Four~Spool)
CS-ABKIT	Soldering Iron Maintenance Kit for 1/4" thru 9/8" Irons
CS-FX2	Flux_2oz Jar
CS-FX4	Ruby Fluid Liquid Flux
CS-ISB-14	1/4" Industrial Spiral Brush
CS-PBF2	Solder Spool
CS-TT2	Solid Sal Ammoniac Block
HS-A	Heat Sink - Micro Alligator Clip
HS-B	Heat Sink - Alligator Clip
HS-C	Heat Sink - Alligator Clip w. Barrel
SS-8	Solder Sucker (3 oz)
V3700	Voltage Controller for Soldering Irons & Pots



### FEATURES AND BENEFITS

**Ni-Chrome Compression Wound Heating Elements** are proven to be the most reliable heating element for maintaining soldering temperature in production environments.

**Paragon Iron-Clad Lead-Free Soldering Iron Tips** Will consistently outperform and outlast ordinary soldering iron tips many times over. **Plug-style tip design** provides for superior heat transfer and easy cleaning.

**Hardwood contoured handle** provides excellent thermal and electrical insulating properties, for durability, comfort and balance.

**Modular construction** allows for easy replacement of consumable parts allowing for tools to last for generations.

### REPLACEMENT PARTS

The following products can be used as replacements for Model A41006 featured on this page:

Model	Product Name
42C	Chisel Style Soldering Tip
AE4100	100 Watt Replacement Heating Element

## TECHNICAL SPECIFICATIONS

Standard Tip Style	Chisel
Wattage	100 watts
AMP Draw	< 1 Amp
Connection Type	NEMA 5-15P
Maximum Temperature	1050 °F / 566°C
Stand included?	Yes
Available in a 220-240 VAC?	Yes, available upon request.
Tip Diameter	.25 in
Tip Length	3.375 in / 8.57 cm
Product Length	12 in / 30.48 cm
Product Width	1.125 in / 2.86 cm
Product Height	1.125 in / 2.86 cm
Product Weight	.75 lbs / 0.34 kg
Package Dimensions (Inches)	17.75 by 3 by 3
Package Weight	1 lbs / 0.45 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 60335-2-45:2002+A11:2023	Yes
WEEE Compliant	Yes
CE Certified	Yes
Understanding Tip Measurements	Explanation
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 A41006 featured on this page:

Model	Product Name
3114-60	60 Watt, 1/4" Mid-Range Soldering Iron
3114-75	75 Watt, 1/4" Mid-Range Soldering Iron
3125-60	60 Watt, 1/4" Mid-Range Soldering Iron
3125-75	75 Watt, 1/4" Mid-Range Soldering Iron
3125E-75	75 Watt Heavy-Duty Ergo-Iron
A40806	80 Watt, 1/4" Medium-Duty Soldering Iron