

# Model: A94506

## 50 WATT, 1/4" LIGHT-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.

### ACCESSORIES

The following products can be used as Accessories for Model A94506 featured on this page:

Model	Product Name
481	'Well-Type' Solder Tip Cleaner
484-4G	Dri-Wick Desoldering Braid (Size Four~Spool)
709	Diamond Style Soldering Tip
720	Screwdriver Style Soldering Tip
724	Conical Style Soldering Tip
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-TT1	Tip Tinner
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** consistently outperform and outlast ordinary soldering iron tips many times over.

**Plug-style tip design** provides for superior heat transfer and easy cleaning.

**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 A94506 featured on this page:

Model	Product Name
704	Chisel Style Soldering Tip
AE9450	50 Watt Replacement Heating Element

## TECHNICAL SPECIFICATIONS

Standard Tip Style	Chisel
Wattage	50 watts
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	2.25 in / 5.72 cm
Product Length	10 in / 25.40 cm
Product Width	1.125 in / 2.86 cm
Product Height	1.125 in / 2.86 cm
Product Weight	.55 lbs / 0.25 kg
Package Dimensions (Inches)	12 by 2-1/4 by 2-1/4
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 A94506 featured on this page:

Model	Product Name
3112-40	40 Watt, 1/4" Pencil-Style Soldering Iron
3112-50	50 Watt, 1/4" Pencil-Style Soldering Iron
3112-60	60 Watt, 1/4" Pencil-Style Soldering Iron
A94306	30 Watt, 1/4" Light-Duty Soldering Iron
A94406	40 Watt, 1/4" Light-Duty Soldering Iron
A94606	60 Watt, 1/4" Light-Duty Soldering Iron