

# Model: 3114-75

## 75 WATT, 1/4" MID-RANGE SOLDERING IRON



American Beauty heavy-duty irons are ideal for heavy soldering jobs and production-line environments. Created by compression winding a special Ni-Chrome heating alloy onto a steel spool, all elements demonstrate an unsurpassed heat capacity and outstanding durability. Protective casings cut from a single block of steel are strengthened with multiple heat treatments and precision brazed for optimal strength and efficiency. *(Stand Included)*

Excellent for sheet metal, light electrical and heavy electronic applications.

### ACCESSORIES

The following products can be used as Accessories for Model 3114-75 featured on this page:

Model	Product Name
42C	Chisel Style Soldering Tip
42S	Screwdriver Style Soldering Tip
481	'Well-Type' Solder Tip Cleaner
485-8C	Dri-Wick Desoldering Braid in Thumb-Wheel Dispenser
571	Soldering Iron Stand
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
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.

**Hardwood handle** provides superior thermal and electrical insulating properties and durability.

**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 3114-75 featured on this page:

Model	Product Name
42D	Diamond Style Soldering Tip
9270-75	75 Watt Heating Element for Model 3114

## TECHNICAL SPECIFICATIONS

Standard Tip Style	Diamond
Wattage	75 watts
AMP Draw	< 1 Amp
Connection Type	NEMA 5-15P
Maximum Temperature	1000 °F / 538°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	9.5 in / 24.13 cm
Product Width	3 in / 7.62 cm
Product Height	3 in / 7.62 cm
Product Weight	.55 lbs / 0.25 kg
Package Dimensions (Inches)	12 by 2.25 by 2.25
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 3114-75 featured on this page:

Model	Product Name
3114-60	60 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, 1/4" Mid-Range Ergo-Iron
A40806	80 Watt, 1/4" Medium-Duty Soldering Iron
A41006	100 Watt, 1/4" Medium-Duty Soldering Iron