

Model: 3125-75

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

ACCESSORIES

The following products can be used as Accessories for Model 3125-75 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 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 3125-75 featured on this page:

Model	Product Name
3918	Replacement Handle/Cord set for Model 3125
42D	Diamond Style Soldering Tip
9271-75	Replacement 75 Watt Compression-Wound Heating Element

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	12.25 in / 31.12 cm
Product Width	3.00 in / 7.62 cm
Product Height	3.00 in / 7.62 cm
Product Weight	.55 lbs / 0.25 kg
Package Dimensions (Inches)	16-1/2 by 2-3/4 by 2-3/4
Package Weight	1.00 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

SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 3125-75 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
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

APPLICATIONS

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

1. Soldering connections on PCBs and Transformers
2. Soldering daily & high volume wire harness assemblies
3. Finishing work on refrigerator doors
4. Building scratch railway model
5. Soldering connections on automobile auto-starters
6. Soldering steel music wire onto antennas

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.