

# Model: 3125-75

## 75 WATT, 1/4" HEAVY-DUTY 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 precisionbrazed for optimal strength and efficiency. *(Stand Included)*

### 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
480	'One-Pass' Solder Tip Cleaner
481	'Well-Type' Solder Tip Cleaner
571	Soldering Iron Stand
CS-14KIT	Soldering Iron Maintenance Kit for 1/4" Irons



### 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 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
Maximum Temperature	1000 °F / 538°C
Stand included?	Yes
Available in a 220-240 VAC?	Yes, available upon request
Tip Diameter	.25 in
Product Length	12.25 in / 31.12 cm
Product Width	3.00 in / 7.62 cm
Product Height	3.00 in / 7.62 cm
Package Weight	1.00 lbs / 0.45 kg
Country of Origin	US
Harmonization Code:	8515.11.0000
RoHS Compliant	Yes
IEC 60335-1, Edition 5.1, 2013-12	Yes
IEC 60335-2-45, Edition 3.2, 2012-01	Yes
WEEE Compliant	Yes
CE Certified	Yes
Understanding Tip Measurements	Explanation
Warranty Policy	Details
User Manual	User Manual
Product Lgth	16.25

## SIMILAR PRODUCTS

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

Model	Product Name
3125-60	60 Watt, 1/4" Heavy-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.