

## Model: 3125E-75

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

An exacting laser cut followed by a precision brazing operation turns our Heavy-duty soldering iron into an Ergo Iron. Ergo Irons have initial wattages ranges from 60 to 175 Watts with corresponding maximum tip temperatures of 850°F to 1025°F. Soldering all day can be a real challenge. Workers have to deal with the heat, the fumes and the weight of the soldering iron itself. We developed the Ergo iron to make it a little easier by reducing the tension on their hands and wrists. We felt it was the least we could do. The near 90 degree angle in the soldering iron casing allows the user to operate the iron from an ergonomically comfortable position. The irons perform to the same exacting standards as our straight irons and are covered by the same warranty. *(Stand Included)* 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 3125E-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
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

The **near 90 degree angle** in the soldering iron casing allows the user to operate the iron from an ergonomically comfortable position, reducing tension in the hand and wrist.

**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 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.

#### 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 music amplifiers

## 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	10.75 in / 27.31 cm
Product Width	4.5 in / 11.43 cm
Product Height	3.5 in / 8.89 cm
Product Weight	1 lbs / 0.45 kg
Package Weight	2.40 lbs / 1.09 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 3125E-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
3125-75	75 Watt, 1/4" Mid-Range Soldering Iron
3125E-60	60 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

## REPLACEMENT PARTS

The following products can be used as replacements for Model 3125E-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

## 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.