

Model: 3125E-60

60 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, heavy electronic stained glass and other applications.



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.

ACCESSORIES

The following products can be used as Accessories for Model 3125E-60 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 |

APPLICATIONS

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

1. Soldering daily and high volumes assemblies
2. Burning holes into nylon

TECHNICAL SPECIFICATIONS

| | |
|---------------------------------|-----------------------------|
| Standard Tip Style | Diamond |
| Wattage | 60 watts |
| AMP Draw | < 1 Amp |
| Connection Type | NEMA 5-15P |
| Maximum Temperature | 950 °F / 510°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-60 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-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 |

REPLACEMENT PARTS

The following products can be used as replacements for Model 3125E-60 featured on this page:

| Model | Product Name |
|---------|---|
| 3918 | Replacement Handle/Cord set for Model 3125 |
| 42D | Diamond Style Soldering Tip |
| 9271-60 | Replacement 60 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.