

# Model: 3112-40

## 40 WATT, 1/4" PENCIL-STYLE SOLDERING IRON

The little guy that really packs a punch! Designed in the same fashion as our heavy-duty soldering irons, these pencil-style irons are certainly not your average hobby iron. Referred to as production-ready, these irons repeatedly perform hard soldering applications, day in and day out. The combination of intense heat and unmatched durability yields a pencil iron that can proudly be called an American Beauty and makes a versatile tool in any maintenance and repair operation. *(Stand Included)*

### ACCESSORIES

The following products can be used as Accessories for Model 3112-40 featured on this page:

| Model    | Product Name  |
|----------|---|
| 480      | 'One-Pass' Solder Tip Cleaner                           |
| 481      | 'Well-Type' Solder Tip Cleaner                          |
| 485-8C   | Dri-Wick Desoldering Braid in Thumb-Wheel Dispenser     |
| 571      | Soldering Iron Stand                                    |
| 704      | Chisel Style Soldering Tip                              |
| 709      | Diamond Style Soldering Tip                             |
| 724      | Conical Style Soldering Tip                             |
| CS-ABKIT | Soldering Iron Maintenance Kit for 1/4" thru 9/8" Irons |
| HS-A     | Heat Sink - Micro Alligator Clip                        |
| HS-B     | Heat Sink - Alligator Clip                              |
| HS-C     | Heat Sink - Alligator Clip w. Barrel                    |
| SS-8     | Solder Sucker (3 oz)                                    |



### 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.

**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 3112-40 featured on this page:

| Model   | Product Name  |
|---------|---|
| 3916    | Replacement Handle/Cord set for Pencil Irons          |
| 3937    | Replacement Item_Set Screws                           |
| 720     | Screwdriver Style Soldering Tip                       |
| 9012-40 | Replacement 40 Watt Compression-Wound Heating Element |

## TECHNICAL SPECIFICATIONS

|                                      |                             |
|--------------------------------------|-----------------------------|
| Standard Tip Style                   | Screwdriver                 |
| Wattage                              | 40 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                       | 7.75 in / 19.69 cm          |
| Product Width                        | 2.00 in / 5.08 cm           |
| Product Height                       | 2.00 in / 5.08 cm           |
| Package Weight                       | .55 lbs / 0.25 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                 |

## SIMILAR PRODUCTS

The following products are related (similar model but different specifications, etc.) to Model 3112-40 featured on this page:

| Model   | Product Name                               |
|---------|--|
| 3112-50 | 50 Watt, 1/4" Pencil-Style Soldering Iron  |
| 3112-60 | 60 Watt, 1/4" Pencil-Style Soldering Iron  |
| V36GL3  | 60 Watt Industrial Grade Soldering Station |

## APPLICATIONS

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

1. Soldering conductor of neon light bulb to create hermetic seal
2. Soldering in-field service calls
3. Soldering wire to large copper area
4. Soldering in the process of jewelry making
5. Soldering in daily production environment
6. Repairing electronic assembly
7. Soldering audio cables
8. Soldering electrical panel components
9. Soldering commercial A/V wiring
10. Soldering as a field engineer, travelling site-to-site, soldering various A/V & electric components

## 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.