



### Description

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.

### Related 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	
CS-14KIT	Soldering Iron Maintenance Kit for 1/4" Irons	

### Replacement Products

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	
704	Chisel Style Soldering Tip	
709	Diamond Style Soldering Tip	
720	Screwdriver Style Soldering Tip	
724	Conical Style Soldering Tip	
9012-40	Replacement 40 Watt Compression-Wound Heating Element	

### 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. Repairing electronic assembly
6. Soldering audio cables
7. Soldering electrical panel components

### Technical Specifications

RoHS Compliant	Yes
Wattage	40 watts
Maximum Temperature	950 °F / 510.00°C
Product Length	7.75 in / 19.69 cm
Tip Diameter	1/4 in / 2.54 cm
Standard Tip Style	Screwdriver
Available in 220-240VAC?	Yes
Country of Origin	US
Package Length	9.75 in / 24.77 cm
Package Width	2.00 in / 5.08 cm
Package Height	2.00 in / 5.08 cm
Shipping Weight	.55 lbs / 0.25 kg

### User Information and Instruction Sheet

Other Product Data Sheets

### 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.