

Model: 3112-50

50 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 3112-50 featured on this page:

Model	Product Name
481	'Well-Type' Solder Tip Cleaner
485-8C	Dri-Wick Desoldering Braid in Thumb-Wheel Dispenser
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
CS-FX2	Flux_2oz Jar
CS-FX4	Ruby Fluid Liquid Flux
CS-ISB-14	1/4" Industrial Spiral Brush
CS-PBF2	Solder Spool
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)
V3700	Voltage Controller for Soldering Irons & Pots

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

Will consistently outperform and outlast ordinary soldering iron tips many times over. **Plug-style tip design** provides for superior heat transfer and easy cleaning.

Molded Nylon contoured handle provides excellent thermal and electrical insulating properties, for durability, comfort and balance.

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 3112-50 featured on this page:

Model	Product Name
3916	Replacement Handle/Cord set for Pencil Irons
3937	Replacement Item_Set Screws
571	Soldering Iron Stand
720	Screwdriver Style Soldering Tip
9012-50	Replacement 50 Watt Compression-Wound Heating Element

TECHNICAL SPECIFICATIONS

Standard Tip Style	Screwdriver
Wattage	50 watts
AMP Draw	< .5 Amp
Connection Type	NEMA 5-15P
Maximum Temperature	1050 °F / 566°C
Stand included?	Yes
Available in a 220-240 VAC?	Yes, available upon request
Tip Diameter	.25 in
Tip Length	2.25 in / 5.72 cm
Product Length	7.75 in / 19.69 cm
Product Width	2.00 in / 5.08 cm
Product Height	2.00 in / 5.08 cm
Product Weight	.55 lbs / 0.25 kg
Package Dimensions (Inches)	12 by 2.25 by 2.25
Package Weight	1 lbs / 0.45 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 3112-50 featured on this page:

Model	Product Name
3112-40	40 Watt, 1/4" Pencil-Style Soldering Iron
3112-60	60 Watt, 1/4" Pencil-Style Soldering Iron
A94306	30 Watt, 1/4" Light-Duty Soldering Iron
A94406	40 Watt, 1/4" Light-Duty Soldering Iron
A94506	50 Watt, 1/4" Light-Duty Soldering Iron
A94606	60 Watt, 1/4" Light-Duty 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. Repairing electronic assembly
6. Soldering audio cables
7. Soldering electrical panel components
8. Soldering stained glass

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.