



orion

Orion™ 150s

Why is the Orion™ 150s the World's Best Selling Pulse Arc Welder?

The Orion 150s pulse arc welder is preferred by master metalsmiths for its advanced energy control, clear workspace, and vibrant optics.

Advanced Digital Control

The 150s sports a bold, 8-inch touchscreen interface, making every feature immediately available and easily controlled with a quick and simple touch. With advanced energy control, you can dial in the exact amount of energy you need, from 1 to 150 Joules (Ws) in 0.2 Joule increments. You can also choose how you wish the energy to be delivered, allowing you to form the weld to match your work piece.

A Clean, Organized Workspace

Like all Orion pulse arc welders, a professional articulating arm keeps your workbench free and unobstructed. Simply move the mounted optics and stylus up and away to clear your workspace.

Vibrant Microscopic Optics

The 150s can deliver a spot weld as small as 0.5mm with remarkable accuracy due to its 5x microscopic optics. When you view your work piece through the optics you'll be impressed by the brilliance and clarity.



*The Orion™ 150s is the ideal jewelry welding tool!
Save time closing a jump ring, filling porosity,
retipping prongs, tacking, or resizing a ring.*



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sunstone™
The Micro Welder Experts

Orion™ 150s

The World's Best Selling Pulse Arc Welder

Key Benefit: **Save Time**

Master metalsmiths use the Orion 150s to save precious time. With an Orion pulse arc welder, every metalsmith can quickly resize a ring, retip a prong, add metal, fill porosity, or construct any work piece in a fraction of the time required for soldering.

Technology Advantages: **Any Metal**

Unlike a laser welder, the Orion 150s will expertly and quickly join any metal, from stainless steel to precious metals, even silver. Unlike a torch, you'll never encounter heat scaling nor stress about damaging a precious stone. A low heat-affected zone makes light work!

Key Features: **Easy to Learn. Simple to Use.**

Touchscreen Simplicity

All features are controlled using the vibrant 8-inch color touchscreen interface on the front of the welder. The Orion 150s is a 100% pure digital dream!

Precision in a Broad Power Range

No work piece is too small or too big. Dial the power down to 1 Joule (Ws) of energy or leverage 150 Joules (Ws) of available energy for larger jobs.

Advanced Energy Control

With the Orion 150s you can choose how you want energy delivered to your work piece, providing endless creative possibilities.

Multiple Weld Speed Modes

For seam sealing, you won't find a more efficient tool. The Orion 150s can rapid fire nine welds per second!

World Renown Customer Service

With more than 15 years of micro welding experience, our team of experts can help you resolve any welding challenge.

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Product Specifications

TABLETOP FOOTPRINT (L X W X H)	41x33x40 cm
ENERGY RANGE (JOULES)	1-150 J
ESTIMATED WELD SPOT DIAMETER RANGE	≈ 0.5 - 3.5 mm
DISPLAY (TOUCH SCREEN)	20 cm
WELD SPEED	1 weld/0.3 seconds
HIGH FREQUENCY AGITATION OPTIONS	Multiple
SAVE SETTINGS SPACES	100
5X MAGNIFICATION	●
IR/UV EYE PROTECTION THRU MICROSCOPE	●
20+ ON-SCREEN LANGUAGES	●
ARC START TECHNOLOGY	●
TACK MODE	●
BASIC SCREEN METAL PRESETS	●
UPGRADEABLE SOFTWARE	●
ON SCREEN TRAINING VIDEOS	●



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