

The Orion 250s – Jewelry

Pulse Arc and Resistance Welder

The Orion Pulse 250s is a powerful addition to the Orion line of pulse-arc welding technology. Like all Orion welders, the Orion 250s features a large touch screen interface that streamlines and simplifies the welding process – allowing users to do more and to work more efficiently. Users have many features available to them including high-frequency agitation for added penetration and weld strength, adaptive weld ignition for longer electrode life, customizable save settings for fast and easy switching between weld settings, fully updateable and upgradeable software options, and so much more. The Orion 250s continues the Orion legacy by providing the most high-tech, versatile, and affordable welding solution on the market today.

As with other Orion welders, the Orion 250s utilizes two different welding technologies – Pulse Arc and Tack. The Tack Mode uses resistance welding technology with up to 250 watt-seconds of energy. The Tack Mode is perfect for temporary placement or permanent fusion welding. The Pulse Arc Mode uses pulse-arc welding technology and consists of two distinct energy ranges – Micro and Ultra. The Ultra energy range uses up to 250 joules of energy for projects that require deeper penetration or a larger spot size. The Micro energy range uses up to 30 joules of energy and is perfect for smaller and more delicate pieces. The Orion 250s offers a versatile, compact, and affordable welding system in an easy-to-use package.



Applications



- Ring Resizing
- Filling Porosity
- Seam Welding
- Prong Re-Tipping
- Clasp Repair
- Earring Posts
- Eyeglass Repair
- Holloware

Features

- Large Touch Screen Display with Multiple Language Options
- Save and Load Settings
- High Frequency Agitation
- Weld Length Options
- Pulse Shaping Capabilities
- Updateable/Upgradeable
- 5x Microscope with Built-in Shutter System

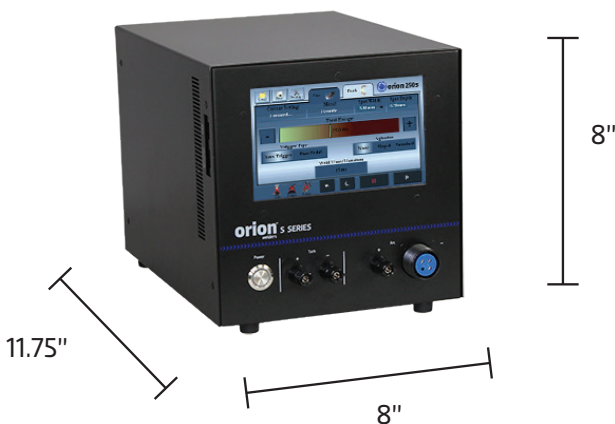
Orion Welders
1-877-786-9353
1693 American Way #5
Payson, UT 84651 USA

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Specifications

Dimensions



Microscope Arm Upgrade



Orion 250s Pulse Arc Welder

Welder Type	Pulse–Arc and Resistance
Weld Modes	3
Pre–Programmed Metal Settings	10
Customizable Save Settings	20
Languages	Multiple
Display	7" Touch Screen
Energy (ws)	1–250 ws
Switching Power Supply	110/240VAC (Auto Detected)
Weld Spot Diameter	≈ 0.5 – 4.25 mm
Footprint	11.75" x 8" x 8" (29.8 x 20.3 x 20.3cm)
Weight	15 lbs (6.8 kg)
Stereo Microscope Magnification	5x
Shutter/Auto Darkening	Shutter System



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