

iWELD® F300 FIBER LASER WELDER

995 Series



★ HIGHLIGHTS

- ✓ NEW! Powerful, Air-Cooled 300 Watt Fiber Laser
- ✓ Excellent Pulse-To-Pulse Energy Stability
- ✓ High Speed Welding of Precious Alloys
- ✓ Multiple Microscope Options
- ✓ Eliminates Flashlamp & Water Filter Consumables

★ 7" Digital Messaging Display

- ✓ Automatic Energy Save Mode
- ✓ Pre-Programmed Settings
- ✓ Hyper-Speed Welding

★ Optional Adjustable Aluminum Floor Stand

- ✓ Height Adjustment Range: 11.8 Inches
- ✓ Robust Leveling Wheels

★ Most POWERFUL Fiber Laser Welder in its Class

★ Ergonomically Designed Wide Access Chamber

★ Universal Supply Circuit: 100-230 VAC, 1 Phase, 20 A



Shown with Adjustable Aluminum Floor Stand with Leveling Wheels (PN: 693-101)

- ✓ Ideal for Retail Manufacturing Jewelers
- ✓ Tool and Die / Contract Welding Workshops
- ✓ High Value Component Assembly
- ✓ Spot & Seam Welding Applications
- ✓ Prototyping Applications Labs
- ✓ Contract Manufacturing
- ✓ Ideal for Complex Alloys & Precious Metals



LASERSTAR ACADEMY™

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

LaserStarAcademy.com

Technical Specifications at www.LaserStar.net

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Source Type	Fiber Diode Laser
Wavelength	1080nm
Output Power	300 Watts
Pulse Width	0.1-300 ms
Pulse Frequency	1-100 Hz
Spot Size	0.10-2.00 mm
Speed Welding	Optimized to Energy Values
Memory Presets	Unlimited Cells
Stereo Microscope	15x, 25x, 40x (optional EVS5 Video System)
Shield Gas Supply	Argon – Integrated “Soft Flow” Nozzle
Cooling System	Internal Forced Air
Universal Supply Circuit	100-240 VAC / Single Phase / 20 Amp
Approx. Weight	220 lbs / 100 kg (Unpacked/No Stand)
Warranty Coverage	2 Year Limited Warranty



Shown with 15x Magnification ClearView EVS5 (PN: 621-190)

iWeld® F300 Fiber Laser Welders offer cutting edge laser resonator technology which provides **high average power**, optimal performance and throughput, improved up-time, enhanced electrical efficiency, and a space saving air-cooled, compact design.

Solid state diodes provide instantaneous power with **no “warm up time”** required. Large, easy access welding chambers are designed for the widest range of laser welding applications.

The iWeld® F300 Fiber Laser Welder offers a significant competitive advantage for today's **jewelry, aerospace, electronics, automotive, contract manufacturing, and micro component assembly** marketplace subject to stringent quality requirements.



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LASERSTAR TECHNOLOGIES CORPORATION
 1717 Diplomacy Row, Orlando, Florida 32809 USA
 Phone: +1-407-248-1142 ★ Email: sales@laserstar.net