



iWELD® BENCHTOP LASER WELDER

993 Series

LASERSTAR
TECHNOLOGIES

★ HIGHLIGHTS

- ✓ NEW! Fifth Generation Benchtop Design
- ✓ 60 Watts / Peak Power 11kW / Pulse Shaping
- ✓ Integrated HD 4K 8MP Camera w/HDMI Output
- ✓ Large, Easy Access Chamber Design
- ✓ Designed, Engineered & Built in USA

★ New 7" Digital Messaging Display

- ✓ Automatic Energy Save Mode
- ✓ Preventive Maintenance Alerts
- ✓ Pre-Programmed Application Settings
- ✓ Burst & Speed Mode Welding

★ NEW! Optional Aluminum Adjustable Floor Stand

★ Highest PEAK POWER Benchtop Welder in its Class

★ Ergonomically Designed Wide Access Chamber

★ 120V & 230V Supply Circuit Models

Worldwide Safety Certification
FDA(CDRH), UL, CSA, CE, ETL



Shown with optional
693-101 Aluminum
Adjustable Floor Stand
with Wheel Kit



Pulse
Performance
Profile Technology®



✓ Ideal for Retail Manufacturing Jewelers

✓ A Must for Jewelry Repair Profit Centers

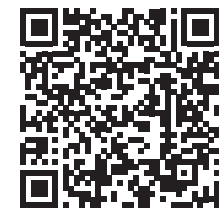
✓ Dental & Orthodontic Laboratories

✓ Perfect for Eyeglass Frame Repair

✓ Prototyping Applications Labs

✓ Tool & Die / Contract Welding Workshops

✓ Ideal for a Wide Range of Complex Alloys



LASERSTAR.NET



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

iWELD® BENCHTOP LASER WELDER

993 Series



Source Type	Nd:YAG (Flashlamp)
Wavelength	1064 nm
Output Power (Watts)	60W
Maximum Peak Power	11 kW
Pulse Frequency	0.5 - 50 Hz
Beam Diameter	0.10* - 2.00 mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180 J
Pulse Shaping	Exclusive Integrated Software
Soft-Touch® Resonator Technology	Beam Profile Technology
Supply Circuit	120 V or 230 V (±10%) 50 / 60 Hz
Cooling Capacity	Internal Water-To-Air
Country of Origin	Designed, Engineered & Built in USA

Easy to use, simple to maintain and incredibly powerful, the 993 Series iWeld® Professional Laser Welding System fits neatly into any work environment.

iWeld® is the highest peak powered laser welding machine in its class. This machine welds SILVER along with other complex alloys. The iWeld is ideal for a wide range of metal joining and repair applications in the industrial marketplace.

The system's compact, portable, space-saving design, coupled with LaserStar's well-known reputation for high quality, efficient laser sources, make the iWeld BenchTop an excellent value.

* Smaller sizes are achievable with an aperture kit for micro-welding.



Shown with 611-160 ClearView Microscope



Shown with 611-197-1 Stereo Projection Scope



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