

# iWELD® BENCHTOP LASER WELDER

993 Series



## ★ 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

✓ 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 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](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://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 Benchtop 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 and copper 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 Laser Welder 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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