

# iWELD® INDUSTRIAL BENCHTOP LASER WELDER

992 Series



## ★ HIGHLIGHTS

- ✓ Powerful, Compact Benchtop Design
- ✓ P3 Pulse Shaping Technology
- ✓ First Pulse Suppression Technology
- ✓ Burst Mode / Speed Welding
- ✓ 75 Watts / Peak Power: 11kW

### ★ Digital Messaging Display

- ✓ Automatic Energy Save Mode
- ✓ Preventative Maintenance Alerts
- ✓ Multi-Language System Display
- ✓ Pre-Programmed Applications

### ★ Enhanced System Options Available

- ✓ In-Line Energy Monitoring Kit
- ✓ Various Beam Expander Configurations
- ✓ Aperture Kit (6 Different Size Apertures)
- ✓ Inert Gas Flow Regulator Kit

### ★ Six Different Microscope Options (15x, 25x, 40x)

### ★ Optional Adjustable Floor Stand (11.8" / 300mm Range)

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



- ✓ Spot & Seam Welding Applications
- ✓ High Value Component Assembly
- ✓ Aerospace, Automotive & Electronics Industries
- ✓ Perfect for Prototyping Applications Labs
- ✓ Industrial & Medical Device Industries
- ✓ Tool & Die / Contract Welding Workshops
- ✓ Ideal for a Wide Range of Complex Alloys



[LASERSTAR.NET](http://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](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)

# iWELD® BENCHTOP LASER WELDER

## 992 Series



Source Type	Nd:YAG (Flashlamp)
Wavelength	1064 nm
Output Power (Watts)	75W
Maximum Peak Power	11 kW
Pulse Frequency	0.5 - 20 Hz
Beam Diameter	0.05 - 2.00 mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180 J
 Pulse Performance Profile Technology®	Exclusive Integrated Software
Supply Circuit	230 V (±5%) 50 / 60 Hz
Soft-Touch® Resonator Technology	Beam Profile Technology (Optional)
Cooling Capacity	Internal Water-To-Air
Warranty Coverage	2 Years
Country of Origin	Designed, Engineered & Built in USA

Easy to use, simple to maintain and incredibly powerful, the 992 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.



Shown with optional 693-100 Aluminum Adjustable Floor Stand



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