

# iWELD® INDUSTRIAL BENCHTOP LASER WELDER

992 Series



## ★ HIGHLIGHTS

- ✓ Powerful, Compact Benchtop Design
- ✓ Pulse Shaping / Burst Mode / Speed Welding
- ✓ First Pulse Suppression & Soft Touch® Technology
- ✓ Multiple Microscope Options
- ✓ 60 & 75 Watts / Peak Power: 11 kW

## ★ Digital Messaging Display

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

## ★ Enhanced System Options Available

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

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

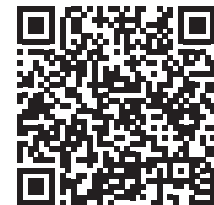
## ★ Optional Adjustable Floor Stand (11.8" / 300mm Range)

**Laser Safety Compliance**  
FDA(CDRH), CE



Removable Chamber

- ✓ 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



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## 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)

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

Easy-To-Use, simple to maintain and incredibly powerful, the 992 Series iWeld® Industrial Laser Welding System fits neatly into any work environment.

iWeld® is the highest peak powered laser welding machine in its class. This machine welds a wide range of 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.



Shown with optional 693-100 Aluminum Adjustable Floor Stand



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