

iWELD® INDUSTRIAL BENCHTOP LASER WELDER

994 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: 11kW

★ Digital Messaging Display

- ✓ Automatic Energy Save Mode
- ✓ Preventive 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)
- ✓ Gas Flow Monitoring Kit

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

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



Laser Safety Compliance
FDA(CDRH), CE

- ✓ 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
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

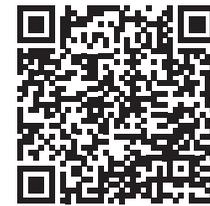
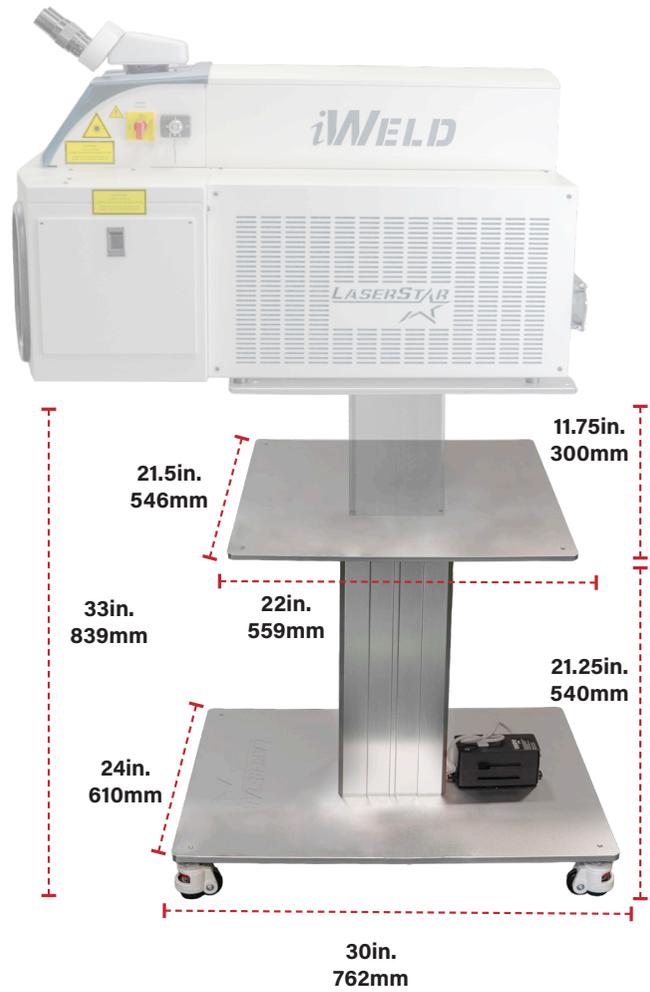
Technical Specifications at www.LaserStar.net

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Source Type	Nd:YAG (Flashlamp)
Wavelength	1064nm
Output Power (Watts)	60W / 75W
Maximum Peak Power	11kW
Pulse Frequency	0.5-20Hz
Spot Size	0.05-2.00mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180J
 Pulse Performance Profile Technology®	Exclusive Integrated Software
Supply Circuit	60W: 120V / Single Phase / 15 Amp 60W & 75W: 230V / Single Phase / 20 Amp
Soft-Touch® Resonator Technology	Beam Profile Technology (Optional)
Cooling Capacity	Internal Water-To-Air
Warranty Coverage	2 Years



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LASERSTAR TECHNOLOGIES CORPORATION

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