



iWELD® WELDING WORKSTATION

1902 Series



★ HIGHLIGHTS

- ✓ Robust, Stable Pedestal Design
- ✓ Excellent Pulse-To-Pulse Stability
- ✓ Power Monitoring Kit (Optional)
- ✓ First Pulse Suppression Technology
- ✓ 80 & 100 Watts / Peak Power: 11kW

★ Multiple Viewing System Options

★ Digital Messaging Display

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

★ Large Viewing Window

★ Multiple Chamber Options

- ✓ Tri Door Design
- ✓ Low Profile Automation Chamber
- ✓ Full Size Automation Chamber (Shown)



✓ Spot & Seam Welding Applications

✓ High Value Component Assembly

✓ Medical Device Components

✓ Aerospace & Electronics

✓ Micro & Mold Repair Welding

✓ General Purpose Welding Shops

✓ Ideal for a Wide Range of Complex Alloys



Pulse
Performance
Profile Technology®

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




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

Lasing Type	Class 4
Internal Power Support	400 Volt
Pulse Length	0.1 - 50 milli-seconds
Wavelength	1064 nm
Pulse Frequency	0.5 - 20 Hz
Output Power (Watts)	80 W / 100 W
Beam Diameter	0.05 - 2.00 mm
Maximum Peak Power	180 J
Burst/Speed Welding	Optimized to Energy Values
Chamber Illumination System	LED Natural Lighting
 Pulse Performance Profile Technology®	Exclusive Integrated Software
Cooling Capacity	Internal Water-To-Air
Country of Origin	Designed, Engineered & Built in USA
Warranty Coverage	2 Years

LaserStar's 4th generation 1902 Series Industrial Laser Welding Systems is ideal for a wide range of metal joining, complex assembly, automation, and repair applications for the industrial marketplace.

Our removable laser welding chamber is designed to be **custom configured** for the widest range of laser welding applications. High precision **motion devices** are engineered to **integrate** into the laser welding system chamber.

LaserStar Industrial Standard Body Laser Welding Workstations integrate a variety of **optical viewing systems** to meet the specific needs of each of our customer's laser welding applications.



LASERSTAR.NET

Compatible With



Note: The Technical specs can vary depending on the laser.



LASERSTAR.NET

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