

iWELD INDUSTRIAL WORKSTATION

1902 Series

★ HIGHLIGHTS

Robust, Stable Pedestal Design
Excellent Pulse to Pulse Stability
MotionFX[®] Multi-Axis Devise Ready
60 & 80 Watts / Peak Power: 11kW

- 1 **Multiple Viewing Options**
- 2 **Digital Messaging Display**
 - ✓ Automatic Energy Save Mode
 - ✓ Preventive Maintenance Alerts
 - ✓ Multi-Language System Display
 - ✓ Pre-Programmed Applications
- 3 **Large Viewing Window**
- 4 **Multiple Chamber Options**
 - ✓ Tri Door Design
 - ✓ Low Profile Automation Chamber
 - ✓ Full Size Automation Chamber (Shown)



Worldwide Safety Certification

FDA(CDRH), UL, CSA, CE, ETL

- ✓ Spot & Seam Welding Applications
- ✓ High Value Components
- ✓ Medical Device Components
- ✓ Aerospace & Electronics
- ✓ Micro & Mold Repair Welding
- ✓ General Purpose Welding Shops
- ✓ Ideal for a Wide Range of Complex Alloys



Our online laser academy and training courses are designed to provide you with a solid foundation of fundamental system operation skill sets.

www.LaserStarAcademy.com

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Lasing System	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)	60W / 80W
Beam Diameter	0.05 - 2.00 mm
Maximum Peak Power	11 kW
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	USA

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.

Compatible With

MOTIONFX®



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In the interest of technical progress, we reserve the right to make technical changes without notice.



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**LASERSTAR
ACADEMY**

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LASERSTAR TV

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