



# iWELD® WELDING WORKSTATION

1902 Series



## ★ HIGHLIGHTS

- ✓ Excellent Pulse-To-Pulse Stability
- ✓ Pulse Shaping / Burst Mode / Speed Welding
- ✓ First Pulse Suppression & Soft Touch® Technology
- ✓ Power Monitoring Kit (Optional)
- ✓ 60, 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.

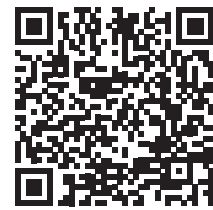
[LaserStarAcademy.com](http://LaserStarAcademy.com)

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

<b>Lasing Type</b>	Class 4
<b>Internal Power Support</b>	400 Volt
<b>Pulse Length</b>	0.1 - 50 milli-seconds
<b>Wavelength</b>	1064 nm
<b>Pulse Frequency</b>	0.5 - 20 Hz
<b>Output Power (Watts)</b>	60 W / 80 W / 100 W
<b>Beam Diameter</b>	0.05 - 2.00 mm
<b>Maximum Peak Power</b>	180 J
<b>Burst/Speed Welding</b>	Optimized to Energy Values
<b>Chamber Illumination System</b>	LED Natural Lighting
 <b>Pulse Performance Profile Technology®</b>	Exclusive Integrated Software
<b>Cooling Capacity</b>	Internal Water-To-Air
<b>Country of Origin</b>	Designed, Engineered & Built in USA
<b>Warranty Coverage</b>	2 Years

LaserStar's **1902 Series Industrial Laser Welding Systems** are ideal for a wide range of metal joining, complex assembly, automation and repair applications for the industrial marketplace. A robust, portable design, coupled with LaserStar's well-known reputation for high quality and efficient laser sources, make the 1902 Series Industrial Laser Welding Workstation an excellent value for any production.

LaserStar Welding Workstations are available in 60, 80 and 100 Watt models and integrate a variety of optical viewing systems, from microscopes to monitors, to meet the specific needs of our customer's laser welding application.



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

Compatible With



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



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

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