iWeld® Welding Workstation
1902 Series

LaserStar®
TECHNOLOGIES

★ *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)

P3P3 — Pulse Performance Profile Technology ®

- ✅ 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

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

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

iWeld® *Welding Workstation*
1902 Series

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)	60 W / 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
P3P3 Pulse Performance Profile Technology®	Exclusive Integrated Software
Cooling Capacity	Internal Water-To-Air
Warranty Coverage	2 Years

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

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

Compatible With

MOTIONFX®

LASERSTAR® TECHNOLOGIES

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