

iWELD® PRO INDUSTRIAL LASER WELDER

972 Series



★ HIGHLIGHTS

- ✓ Powerful, Compact Benchtop Design
- ✓ P3 Pulse Shaping Technology
- ✓ First Pulse Suppression Technology
- ✓ Burst Mode / Speed Welding
- ✓ 80 & 100 Watts / Peak Power: 11kW

★ Digital Messaging Display

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

★ Ergonomically Designed Forearm Entry Ports

★ Removable Door & Chamber

★ Large Viewing Window

★ Side Entry Service Panels

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



- ✓ Ideal for Retail Manufacturing Jewelers
- ✓ A Must for Jewelry Repair Profit Centers
- ✓ Dental & Orthodontic Laboratories
- ✓ 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

iWELD® BENCHTOP LASER WELDER

972 Series



Source Type	Nd:YAG (Flashlamp)
Wavelength	1064 nm
Output Power (Watts)	80 W / 100 W
Maximum Peak Power	11 kW
Pulse Frequency	0.5 - 20 Hz
Beam Diameter	0.05 - 2.00 mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180 J
 Pulse Performance Profile Technology®	Exclusive Integrated Software
Soft-Touch® Resonator Technology	Beam Profile Technology (Optional)
Supply Circuit	230 V (±5%) 50 / 60 Hz
Cooling Capacity	Internal Water-To-Air
Country of Origin	Designed, Engineered & Built in USA

Easy to use, simple to maintain and incredibly powerful, the 972 Series iWeld Industrial Benchtop Laser Welding System fits neatly into any work environment.

iWeld is the highest peak powered laser welding machine in its class. This machine welds silver and copper along with other complex alloys. The iWeld is ideal for a wide range of metal joining and repair applications in the industrial marketplace.

The system's compact, portable, space-saving design, coupled with LaserStar's well-known reputation for high quality, efficient laser sources, make the iWeld Industri Benchtop Laser Welder an excellent value.



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