

iWELD® PRO INDUSTRIAL LASER WELDER

972 Series



★ HIGHLIGHTS

- ✓ Powerful, Portable Industrial Design
- ✓ Pulse Shaping / Burst Mode / Speed Welding
- ✓ First Pulse Suppression & Soft Touch® Technology
- ✓ Multiple Microscope Options
- ✓ 60, 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



Removable Chamber

- ✓ 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
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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

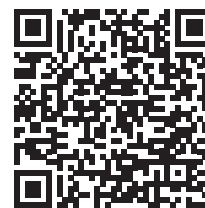


Source Type	Nd:YAG (Flashlamp)
Wavelength	1064 nm
Output Power (Watts)	60 W / 80 W / 100 W
Maximum Peak Power	11 kW
Pulse Frequency	0.5 - 20 Hz
Beam Diameter	0.05 - 2.00 mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180 J
 Pulse Performance Profile Technology®	Exclusive Integrated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

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

iWeld® is the highest peak powered laser welding machine in its class. This machine welds a wide range of 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 Professional an excellent value.



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LASERSTAR TECHNOLOGIES CORPORATION

2461 Orlando Central Parkway Orlando, Florida 32809 USA

Phone: +1-407-248-1142 ★ Email: sales@laserstar.net