

iWELD® BENCHTOP LASER WELDER

993 Series



★ HIGHLIGHTS

- ✓ NEW! Fifth Generation Benchtop Design
- ✓ 60 Watts / Peak Power 11kW / Pulse Shaping
- ✓ Integrated HD 4K 8MP Camera w/HDMI Output
- ✓ Large, Easy Access Chamber Design
- ✓ Multiple Microscope Options

★ New 7" Digital Messaging Display

- ✓ Automatic Energy Save Mode
- ✓ Preventive Maintenance Alerts
- ✓ Pre-Programmed Application Settings
- ✓ Burst & Speed Mode Welding

★ NEW! Optional Aluminum Adjustable Floor Stand

★ Highest PEAK POWER Benchtop Welder in its Class

★ Ergonomically Designed Wide Access Chamber

★ 120V & 230V Supply Circuit Models

Laser Safety Compliance
FDA(CDRH), CE



Shown with optional
693-101 Aluminum
Adjustable Floor Stand
with Wheel Kit



Pulse
Performance
Profile Technology®



Ideal for Retail Manufacturing Jewelers



A Must for Jewelry Repair Profit Centers



Dental & Orthodontic Laboratories



Perfect for Eyeglass Frame Repair



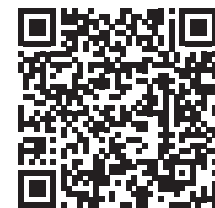
Prototyping Applications Labs



Tool & Die / Contract Welding Workshops



Ideal for a Wide Range of Complex Alloys



LASERSTAR.NET



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

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Source Type	Nd:YAG (Flashlamp)
Wavelength	1064nm
Output Power (Watts)	60W
Maximum Peak Power	11kW
Pulse Frequency	0.5-50Hz
Spot Size	0.10*-2.00mm
Burst / Speed Welding	Optimized to Energy Values
Max Pulse Energy	180J
Pulse Shaping	Exclusive Integrated Software
Soft-Touch® Resonator Technology	Beam Profile Technology
Supply Circuit	120V or 230V (±10%) 50 / 60Hz
Cooling Capacity	Internal Water-To-Air

* Smaller sizes are achievable with an aperture kit for micro-welding.

Easy-To-Use, simple to maintain and incredibly powerful, the 993 Series iWeld® Professional 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 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 BenchTop an excellent value.



Shown with 611-160 ClearView Microscope



Shown with 611-197-1 Stereo Projection Scope



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