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), CSA, CE





Dental & Orthodontic Laboratories

Perfect for Eyeglass Frame Repair

Prototyping Applications Labs

Tool & Die / Contract Welding Workshops

Ideal for a Wide Range of Complex Alloys







Profile Technology®



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



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

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, spacesaving 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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