



## 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

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



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



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**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](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)

# iWELD® BENCHTOP LASER WELDER

993 Series

**LASERSTAR®**  
TECHNOLOGIES

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 ( $\pm 10\%$ ) 50 / 60Hz
Cooling Capacity	Internal Water-To-Air

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



Shown with 611-160 ClearView Microscope



Shown with 611-197-1 Stereo Projection Scope



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