

990 Series

Easy to use, simple to maintain and incredibly powerful, the iWeld fits neatly into any work environment. iWeld is the highest peak powered 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. The system's compact, portable, space-saving design, coupled with LaserStar's well-known reputation for high quality, efficient laser sources, make the iWeld an excellent value.

Operators benefit from pin-point accuracy, increase the range of assembly and repair applications, and minimize the potential hazards of heat damage. The resulting weld is considerably stronger than a traditional solder joint. The comfortable, ergonomic design, with conveniently located operator controls and display, ensure optimal utilization with minimal operator fatigue.

LaserStar's commitment to electrical design efficiency ensures the highest level of hot-light energy transfer from the laser source through the welding chamber, while providing many hours of continuous operation without overheating. As always, the iWeld is available in the domestic USA marketplace in 120 Volts or 230 Volts.

iWeld lasers offer an excellent value for today's industry professionals looking to unleash the power of hot-light, benefit from a comfortable, compact, ergonomic design and ensure optimal platform technology.

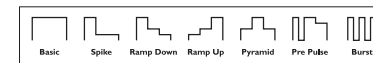
- Six Models Available:**
- 40 Joule, 5.5 kW, 35 Watt, 30 Hz
 - 60 Joule, 10.0 kW, 60 Watt, 30 Hz
 - 80 Joule, 10.0 kW, 60 Watt, 30 Hz
- 100 Joule, 10.0 kW, 60 Watt, 30 Hz
 - 125 Joule, 10.0 kW, 60 Watt, 30 Hz
 - 125 Joule, 10.0 kW, 80 Watt, 30 Hz

HIGHLIGHTS

Accurate, Powerful
Compact, Portable
Easy Set-Up, 40-125 Joule
120V-230V, 35, 60 & 80 Watt

PERFORMANCE FEATURES AND BENEFITS

(The following advanced features are available on select 990 Series **iWELD** Benchtop Systems)



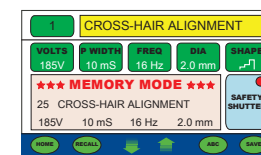
- Custom Pulse Profiling
- Pulse Suppression Software

Multiple Viewing Systems



- Soft Beam™ Profile Enhancement Resonator Technology (Optional)

Digital Messaging Display



- Automatic Energy Save Mode
- Integrated Preventative Maintenance Alerts
- Multi-Language System Display
- 79 Memory Settings
- Pre-Programmed Application Parameters

Side Entry Service Panels ("Easy Access" to Maintenance Tasks)

120V or 208-240V
Single Phase Supply Circuit



Interior Chamber Design



- Larger Welding Chamber
- Tri-Access Chamber
- LED Natural Lighting
- Inert Gas Delivery System

More Efficient Power Supply Technology

Large Viewing Window

Removable Door

Ergonomically Designed Forearm Entry Ports



990 Series
iWeld Benchtop



DESIGNED & BUILT IN **AMERICA**

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



Technical specifications are provided on page 21