

USEI

JEWELRY WELDING WORKSTATION

Manual spot/seam micro welding system with max energy, ideal for spot and seam welding of gold, silver, platinum, copper, aluminum and high-grade steel alloy

The unique Sweet Spot Resonator improves laser beam quality and increases the ease of use for the operation, Noise reduction for all moving parts; allows operation in a quiet environment, Very low maintenance costs.

- ★ **Power and Laser Source System:**
 Double Voltage Adjustable power Supply;
 Original Energy Feedback Technology
 Stronger Ability for continuous welding job.
 Top Quality Nd: YAG Single-Doped Laser 1064nm:
- ★ **Combine Water Cooling and Wind Cooling System**
 Advanced industry water-cooling system, anhydrous automatic power-off and high-temperature alarm makes the machine more stable. More Powerful Cooling System with Less Noise;
- ★ **Observation and Operation System**
 Cross cursor prompt, and adopt high-speed liquid crystal light valve auto-shading, Deeply Customized Operation Interface, Friendly operation interface, simple, adaptive control recommendations.
- ★ **New Design Machine Body**
 More comfortable observation and operation posture for Worker, Improve work efficiency.
- ★ **Exclusive Agency Authorization**
 Sole Authorization Sales, Free Training, Full Care Maintain Plan.



Technical Specifications

Source of Laser	High Quality Nd: YAG Single-Doped Laser 1064nm
Frequency of Laser	0.1-20Hz
Power (W)	Double Voltage Adjustable Power Source
Max. Output Power	200W
Max. Single Pulse Energy	100J
Pulse Width	0.1-20ms
Focal Spot Diameter	Adjustable : 0.2-3.0 mm
Viewing System	10x Microscope & CCD System
Control System	Integrated Visual Operating System
Cooling System	Chiller and Wind Cooling System