



LASER WELDERS



The innovation of the ElettroLaser Welders is the new cavity designed which is inserted in the innovative ElettroLaser resonator. This next generation special laser beam process is far superior to any other laser welders present on the market. Thanks to this innovative laser beam, the laser shot is completely homogeneous and the energy is equally distributed across the work area, improving the weld penetration and distribution of the filler material ensuring a better surface finish welding.

APPLICATIONS

- Excellent for silversmiths
- Welding precious metals like platinum, titanium, gold, silver, and palladium
- Repair of antique jewelry
- Repair settings without removing the stones
- Repair of watches and eyewear
- Welding of elements using filler material without the need of additional cleaning

MAIN FEATURES

- 7" Color touch screen display
- Preloaded tutorials
- Leica 10x stereomicroscope
- Double integrated cooling system
- Internal joystick
- Large welding chamber
- Wi-Fi connection
- Cold white LED light illumination
- Integrated videocam
- 3 Year Warranty



NATIONWIDE

With offices across the United States, we can ensure you receive top level support from coast to Coast.



FINANCING

We can work together to get you the capital for your business and on terms that suit your needs.



SERVICE

Our Certified Technicians provide the highest level of customer satisfaction in our Industry.



SUPPORT

Our staff are always here to help with your questions and are available for on-site training and maintenance.



The wide welding chamber makes it easy to maneuver the users hands and large pieces, with cushioned external armrests.



The large viewing window makes it easy to position pieces under the stereomicroscope and to access the controls for welding.



Powerful 10X stereomicroscope by Leica allows for precision and accuracy in welds, as well as reducing eye strain and fatigue.



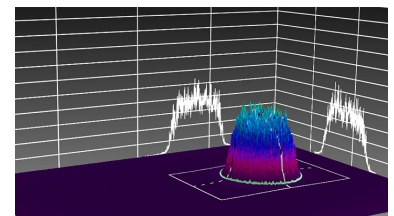
7 inch touch screen display allows you to easily change the settings on the go to your exact needs and requirements.

SPECIFICATIONS

LASER SOURCE AND WAVE LENGTH
 AVERAGE POWER
 PEAK POWER
 ENERGY
 IMPULSE TIME
 PULSE FREQUENCY
 SPOT DIAMETER
 SPOT SETTING
 WAVE PROGRAMS
 MEMORIES CELL STORED
 INTERNAL CHAMBER CONTROL
 EXTRENAL CONTROL
 INPUT POWER
 AMPERE

	MEGAHIT 100	MEGAHIT 120	MEGAHIT 140	MEGASILVER 150	MEGASILVER 180
LASER SOURCE AND WAVE LENGTH	Nd: YAG 1064 nm				
AVERAGE POWER	95W	100W	100W	100W	100W
PEAK POWER	5kW	6kW	7.5kW	8kW	9kW
ENERGY	100J	120J	140J	150J	180J
IMPULSE TIME	0.1 - 20ms				
PULSE FREQUENCY	0.5 - 30Hz				
SPOT DIAMETER	0.2 - 2.0mm (Optional 0.1mm)				
SPOT SETTING	Motorized, 30 Positions				
WAVE PROGRAMS	Pulse Shaping 6 Preset				
MEMORIES CELL STORED	100				
INTERNAL CHAMBER CONTROL	Joystick				
EXTRENAL CONTROL	7" Color Touch Screen				
INPUT POWER	110 or 230V, 50/60Hz, 10 Amp				
AMPERE	10A				

MegaSilver Option



Smooth Spot Technology