



sunstone[™]
The Micro Welder Experts

PRECISION MICRO WELDING

FOR THE WORLD'S BEST DENTAL LABS AND ORTHODONTIST

▶ LASER

sunstonewelders.com



STATE-OF-THE-ART MICRO LASER SYSTEMS

Harnessing Light for a Perfect, Tiny Weld

An Orion laser micro welder from Sunstone lets you accomplish extraordinary welds in the most difficult of places. With a laser, if you can see where a weld needs to be, you can reach it. The artist in you will appreciate the ability to use the laser to smooth and polish a work area. Sunstone offers three different models to fit your budget. Ask your Sunstone representative to show you more.

- Precision Power Control with Touchscreen Interface
- Wide Spot Range: 0.2 to 2.0mm
- Up to 30 Welds per Second
- Convenient Live HD Video Feed*
- Ultra Clear 10x Leica Optics*
- Ergonomic Adjustable Pedestal (Optional)
- Optional Internal Heads Up Display*
- Removable Chamber Floor for Larger Items*
- Advanced Cooling System for Sustained Use
- Argon, Compressed Air Ready
- Cool LED Lighting Reduces Heat
- HDMI Port*
- No Messy Water Filter
- High-efficiency Components
- Low Maintenance Costs
- Extra Large Ceramic Cavity



LZR SERIES



LZR 35



DADO

APPLICATION IDEAS

- Clasp and Bridge Repair
- Weld on 3D Models
- Wire to Molar Band Welding
- Orthodontic Applications
- Titanium and Special Metals Welding

SPECIFICATIONS:

	Dado	LZR Series				
		LZR 35	LZR 75	LZR 125	LZR 160	LZR 180
AVERAGE POWER	150 W	35 W	75 W	125 W	160 W	180 W
PEAK POWER [KW]	1.8 kW	3 kW	5 kW	7 kW	8 kW	9 kW
ENERGY RANGE	1 - 10.8 J	0.1 - 35 J	0.1 - 75 J	0.1 - 125 J	0.1 - 160 J	0.1 - 180 J
LASER SOURCE: WAVELENGTH	Nd: YAG 1064 nm	Nd: YAG 1064 nm				
IMPULSE TIME	0.1 - 6 ms	0.1 - 20 ms				
WELDS PER SECOND	1	1 - 30				
SPOT DIAMETER	0.2 - 1.5 mm	0.2 - 2.0 mm				
PROGRAMS	None	6 Pulse Shaping Presets				
MEMORIES CELL STORED	4	100				
CONTROL JOYSTICK	On Board	On Board				
EXTERNAL CONTROL	App on Mobile/Tablet	Color Touch Screen				
INPUT POWER	110/230 V AC, 50/60 hz	110 or 230 V AC, 50/60 Hz, single				
AMPERE	T16A	10A				
MAX DIMENSIONS [LxWxH]	34x34x34 cm	76x53x56 cm				
TYPE	Benchtop	Benchtop				
ARGON / AIR NOZZLE	Optional Upgrade	Yes / Yes				

*Not available with the LZR35.