



Orion™ LZR Combo 200 Laser Welder

All of the laser benefits you expect and more. Only from Sunstone!



Key Features:

- Pulse-shape settings that allow you to configure the weld to specific metallurgic characteristics.
- Superior, high-efficiency components that run cooler, reduce stress on critical-wear parts, notably longer service life, and reduced maintenance.
- Repeatability control over laser parameters to deliver precise results with every weld.
- High-efficiency fiber optics deliver higher average power output with fewer joules.
- User-friendly, digital touchscreen control.
- An advanced constant-voltage inverter power supply eliminates power spikes, which improves efficiency and drastically extends the life of the flashlamp.

Call or Text **+1 801-658-0015**
www.sunstonewelders.com



sunstone™
The Micro Welder Experts



State-of-the-Art Micro Laser Welder

Harnessing Light for a Perfect, Tiny Weld



The Orion™ LZR Combo 200 Laser Welder

From its generator to the fiber optic output, the Orion Combo 200 makes fast work of shaping and adding metal to worn or damaged molds and dies. Mounted on an articulating arm, the Orion Combo 200 easily moves to any position needing repair. The power range is adjustable from 0.1 to 200 joules allowing for work on a wide variety of metal types and applications including:

Application Ideas

Mold and Die Repair, Edge Repairs, Hole Repairs, Identification Engraving, Small Weldments, EDM Pit Repairs, Adding Material for Shimming, Tool Repairs, Porosity Repairs , and more!

TECHNICAL COMPARISON

LZR Combo 200	
AVERAGE POWER	150 W
PEAK POWER [KW]	15 kW
ENERGY RANGE	0.1 - 200 J
LASER SOURCE: WAVELENGTH	Nd: YAG 1064 nm x 2
IMPULSE TIME	0.1 - 20 ms
WELDS PER SECOND	1 - 30
SPOT DIAMETER	0.2 - 2.0 mm
PROGRAMS	6 Pulse Shaping Presets
MEMORIES CELL STORED	100
CONTROL JOYSTICK	On Board
EXTERNAL CONTROL	Color Touch Screen
INPUT POWER	230 V AC, 50/60 Hz, single
AMPERE	20A
MAX DIMENSIONS [LxWxH]	50x50x80 cm
Optics	10X Leica Stereo Microscopic
TYPE	Floor Standing
ARGON / AIR NOZZLE	Yes / Yes



CE TESTED AND CERTIFIED

Welder tested for electrostatic discharge immunity up to 2kV for CE compliance

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