

Master 4.0



Master 4.0 is a laser welding machine designed for sectors such as jewelry, dental, or industrial, where maximum welding precision is required. Its new design enhances comfort and usability. Equipped with a 7" capacitive display and a joystick inside the welding chamber, it ensures low consumable usage, enhanced connectivity, and an improved laser beam for superior repeatability. Compact in size, it is perfect for those seeking space optimization.

Plus

- Leica 10x Stereomicroscope
- Integrated camera
- High brightness LCD shutter



Data sheet

Laser source and wave length	Nd:Ce: YAG 1064 nm
Average power	80 W
Peak power	9 kWp
Energy	225 J
Impulse time	0,1 + 25 ms
Pulse frequency	0,5 + 30 Hz
Spot diameter	0,2 + 2,0 mm (0,05 or 0,1 opt.)
Spot setting	Motorized
Wave programs	Pulse Shaping 6 preset
Memories cell stored	100
Internal chamber control	Joystick
External control	7" Color Touch Screen
Power supply	230 V AC, 50/60 Hz (110 on request) - 2,2 kW
Type	Desktop
Argon nozzle	Yes