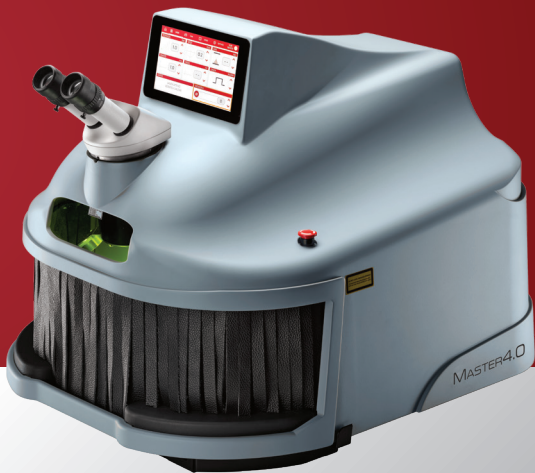




Master 4.0



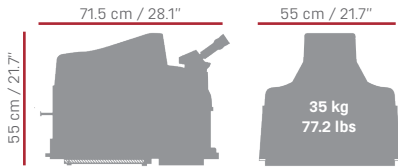
The **Master 4.0** is a laser welder suitable for all sectors — jewelry, dental, or industrial — that require the highest welding precision. All models come standard with **SMSP technology**, which ensures a more stable and repeatable laser beam.

The new design improves comfort and usability: equipped with a 7" capacitive display and an internal joystick inside the welding chamber, it offers reduced consumables usage, enhanced connectivity, and space optimization thanks to its compact size.

The **Master 4.0 PLUS** version is also available, featuring the **Gaussian Smooth Spot**, which provides an even more uniform energy distribution — ideal for the most delicate and high-precision applications.

Plus

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



Data sheet

	Master 4.0	Master 4.0 Plus
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 (0,005 or 0,1 opt.)	0,1 - 2,0 mm (0,005 opt.)
Spot setting	Motorized	
Wave programs	Pulse Shaping 7 preset	
Gaussian Smooth Spot	No	Yes
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	