

## SL-100 & SL-100S Laser Welders



**Application:** The SL-100 laser welder is an optimum device for manufacture and repair of jewelry and dental prosthetics, for welding of precision mechanical parts and medical-technical components, as well as for manufacture of sensors and electronic parts. One of its further areas of use is in mold building and repair of small molds.



State of the art technology combined with an attractive design. The SL 100 is a distinguished and individual device. This laser welder is just as suitable for skill-demanding welding tasks as it is for industrial production of small batches.

Technical Data	SL-100	SL-100 - S
Laser Power	100 W	100 W
Pulse Power	60 Joule	95 Joule
Power Supply	7 kw	10 kw
Pulse Frequency	1 - 25 hz	1 - 25 hz
Pulse Duration	0.5 - 20 ms	0.5 - 20 ms
Spot Diameter	0.2 - 2.0 mm	0.2 - 2.0 mm
Microbeam	Optional 0 < 100 µm	Optional 0 < 100 µm
Pulse Shaping	3 presets	3 presets
Program Memory	Yes	Yes
Microscope	Leica - Stereo - 10 x	Leica - Stereo - 10 x
Dimensions (L x W x H)	800 mm x 570 mm x 1260 mm	800 mm x 570 mm x 1260 mm
Weight	220 lbs	220 lbs