

SL-100 and SL-100S



State of the art technology combined with an attractive design.

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.

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.

***NEW* ALS-100**

The ALS-100 is an upgraded version of the SL-100 and SL-100S.

A new optics system allows for greater room and mobility with the workpiece while in the chamber. This new system in conjunction with now *removable* safety housing makes this machine perfect for industrial use in mold and tool repair.



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 μ m	Optional 0 < 100 μ m
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

