



Table Top Laser Welder SL-20

Application: The SL-20 laser welder is for use in jewelry production and repair, dental prostheses, fine welding of mechanical precision parts, medical-technical components and sensors. May also be used for repair of small molds.

The SL-20 with its 50 watt performance is especially suitable for welding precious metals and materials with high melting points such as copper, titanium and tantalum.

- An optional micro-welding device can be installed to achieve a 100 µm welding spot.
- Due to its compact size this laser is ideal for jewelry repair, dental repair, and precision workshops.
- This device is designed for very small rooms with already pre-assembled furniture.
- Installation is easy and quick.
- With 5 liters of water for cooling, the SL-20 is prepared for continuous operation.
- The high quality stereo microscope, Leica, magnifies 15 times for optimal observation of the welding process.
- Efficient extraction of welding fumes.

Despite its compact design, the SL-20 laser welder can achieve remarkable performance. With the SL-20, all laser welding tasks of a small workshop can easily be handled!

SL-20 Technical Data	
Max Impulse Performance	7 KW
Max. Average Performance	60 W
Pulse Energy	60 J
Pulse Frequency	Single - 25Hz
Pulse Duration	0.5 - 20.0 ms
Spot Diameter	0.2 - 2.0 mm
Mechanical Dimensions (H x D x W mm)	510 x 645 x 430