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Laser Welder SL10 from Siro Lasertec

The economical laser for all areas of application



For decades, the name Dentaureum has stood for know-how and competence in the field of laser joints using laser welding units. The Laser Welder SL10 from Siro Lasertec complements the desktop Compact product portfolio at an attractive price. Its welding power has been optimized to suit the welding tasks in the field of dentistry, in particular the field of orthodontics. The laser is therefore ideal for smaller dental laboratories or orthodontic practices. It is possible to view the welding process on the display thanks to the integrated color camera.

Advantages of the Laser Welder SL10

- Excellent value for money
- Large color touch display
- Particularly suitable for orthodontic appliances
- Welding power suitable for all fields of dentistry
- Easy to operate
- With microscope
- Solid metal housing
- Adjustment of welding parameters on touch panel
- Color camera shows welding process on the display
- Desktop design



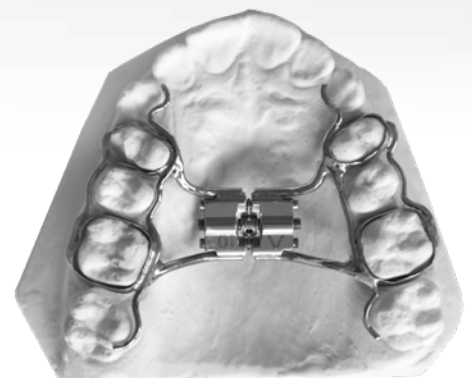
Large color touch display



Large front opening

Compact dimensions

Ideal for orthodontic appliances



Technical data

Laser Welder SL10

REF 090-594-00

Max. average power	60 W
Pulse peak power	3.8 kW
Pulse energy	33 J
Pulse length	0.1 ms – 10 ms
Continuous pulse frequency	0.5 Hz – 20 Hz
Focus adjustment range	0.2 mm – 2.0 mm
Memory spaces	12
Pulse shaping	no
Argon nozzle	1x flexible
Air nozzle	–
Extraction	yes
Microscope	stereo microscope with 16x magnification
Lighting	2 x 3W LED
Max. working height in chamber	200 mm
Power voltage	230 V~
Electric fuse	16 AT
Power frequency	50/60 Hz
Weight	37 kg
Dimensions (W x H x D)	440 mm x 480 mm x 600 mm

Optional

Argon fitting	with display of flow rate	REF 090-404-00
Electrically adjustable stand	working height min. 740 mm - max. 1090 mm	REF 090-574-00

Accessories

CoCr welding wire	ø 0.25 mm / 10, length 2 m	1 piece	REF 528-215-10
	ø 0.35 mm / 14, length 2 m	1 piece	REF 528-210-10
	ø 0.50 mm / 20, length 2 m	1 piece	REF 528-200-10
NiCr welding wire	ø 0.50 mm / 20, length 2 m	1 piece	REF 528-220-00
Pure titanium wire	ø 0.40 mm / 16, length 2 m	1 piece	REF 528-039-50
	ø 0.50 mm / 20, length 2 m	1 piece	REF 528-040-50
Titanium disc holder		1 piece	REF 090-525-00
Titanium disc		5 pieces	REF 090-526-00
Conical pin		10 pieces	REF 111-901-00
Supercut STM separating disc	0.20 mm	1 piece	REF 130-114-00
Armrest cushion		2 pieces	REF 090-513-10

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Subject to modifications

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