

desktop Compact

Infogramm®

The Full Force

Characteristics

15 years of experience in dental laser welding included in a compact table top unit. From delicate, detailed welding to secure joint welding, even on solid, sturdy framework, the desktop Compact laser can be used for all areas of application in dental prosthetics and orthodontics. The finely adjustable dosage makes welding much easier. Until now, such compact machine measurements were not available in this laser performance category. Simple machine operation prevents drowsiness at work.



Product assets

- Extremely compact table top unit
- High output reserve
- Ergonomically designed – large working chamber with inclining laser axis
- High quality microscope with a wide field of vision
- Integrated pulse forming – 4 pre-set pulse shapes
- Two inert gas nozzles, 1 x flexible and 1 x fixed retractable
- Large pulse adjustment range – easy operation using joysticks
- Integrated extraction and cool air nozzle

Technical Data

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090-578-00

Maximum power	50 W
Pulse energy	50 J
Peak pulse output	5 kW
Pulse duration	0.5 – 20 ms
Pulse frequency	Single pulse – 25 Hz
Welding spot diameter	0.2 – 2.0 mm, Infinitely variable motorised adjustment
Settings storage	39
Pulse forming	4 pre-set pulse shapes
Argon flushing	1x flexible, 1x fixed
Air nozzle	Cool air nozzle integrated within the welding chamber
Extraction	Integrated with suspended particle filter
Mikroscope	Stereo microscope with 16x magnification
Illumination	2 x 20 W Halogen
Dimensions (W x H x D)	510 x 430 x 645 mm
Weight	50 kg
Mains connection	230 V / 10 A / 50/60 Hz
Recommended table height	0.7 bis 0.75 m

Optional

Argon fittings	Incl. flow indicator	REF 908-873-00
Stand, height adjustable	Min. working height 740 mm Max. working height 1090 mm Motorised adjustment	REF 090-574-00
Maintenance and customer service contract	Annual maintenance by Dentaaurum	REF 099-400-00
Laser safety and technical instruction	At our site in Ispringen or on location	

Date of information: 12/08

Our application Customer Support is available to answer all your questions at the following number:
Tel +49 72 31 / 803-410.

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DENTAURUM