

DL 3000

Infogramm®

The state-of-the-art Laser

Characteristics

The extremely powerful, floor mounted appliance DL 3000, features all the fittings a top-class laser could conceivably have. This generation of appliances, the first to have PSP (Pulse Shape Preselection), drastically reduce the workload without any lengthy familiarisation process. Automatic adjustment of all optional welding parameters for 34 welding tasks is included.



Product assets

- Automatic assignment of the ideal pulse-form for all classes of alloy
- Simple operation through innovative user guidance: once the class of alloy and the required welding depth have been chosen, the PSP-function automatically selects the ideal welding parameters
- Exceptionally good ergonomics: the tilted laser axis guarantees a relaxed working posture. Large display and functional control panel situated at eye-level
- Welding data is projected into the field-of-vision, allowing concentrated, interruption-free operation
- Ideal viewing conditions via the two optional microscope assemblies: Leica Stereo Microscope or Lynx® Stereo Dynascope
- Adjustable extraction unit with high capacity extra-fine particle filter
- Integrated compressed-air cooling nozzle

Technical Data

DL 3000

REF 090-585-00

Average output	50 W
Max. pulse energy	55 J
Peak pulse output	5 kW
Pulse duration	0.5 - 20 ms
Permanent pulse frequency	0.5 - 10 Hz
Single / permanent pulse	selectable
Adjustable focus range	0.2 - 2.0 mm, powered adjustment
Settings storage	128
Pulse shaping	4 specific alloy and 4 user programme spaces
Argon flushing	2 flexible Argon nozzles
Air nozzle	compressed-air nozzle in the chamber
Extraction	integrated
Microscope	Leica 16x
Illumination	2 x 20 W Halogen
Dimensions (W x H x D)	550 x 1240 x 815 mm
Weight	110 kg
Mains connection	200 – 240 V / 50/60 Hz

Optional

Argon fittings	incl. flow indicator	REF 908-873-00
Maintenance and customer service contract	annual maintenance by Dentaaurum technical customer support	REF 099-400-00
Laser safety and technical instruction	at our site in Ispringen or on location	

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Our application technology advisory service is available to answer all your questions at the following number: +49 72 31/803-410