

Nd:YAG LASER FOR SURGERY

Model J100

Applications:

Urology
Gynecology
General Surgery
Dermatology
Plastic Surgery
Gastroenterology
Pulmonary



Laser application in surgery allows not only to perform unique and delicate operations with minimal traumatism of tissue, but also ensures effective coagulation.

- The J100 laser delivers the power you need for a variety of surgical procedures with the precision you wish for the optimal tissue effect. It is the system that can operate either in continuous wave or various pulse modes at your choice. Pulse mode provides protection from tissue overheating and extends optical fiber lifetime.
- Ergonomical control panel design provides easy and comfortable laser operation.
- The doctor can store his own treatment parameters by means of up to 8 settings for different applications.
- For your applications the laser provides up to 100W continuous power and does not require either city water for cooling or any other special conditions. You only have to connect it to the single-phase electrical main.

SPECIFICATIONS

Specifications are subject to change without notice

Laser type	CW Nd:YAG laser
Output modes	continuous / repeated pulses / single pulse
Output power (CW mode), W	1...100
Output power stability, %	±5
Repeated pulse mode, sec	pulse width: 0.02...60 interval: 0.02...10
Beam delivery	gas cooled optical fiber, SMA905 connector
Aiming beam	red laser diode
Control panel	8 programs; monitoring of output power, pulse duration, repetition interval; indication of cumulative energy, applied to tissue; error monitoring
Power consumption, (single phase, 220V ± 10%, 50/60Hz), kVA	≤4
Cooling	self-contained water-air cooling system
Environmental conditions	(15...27)°C ambient
Dimensions, mm	920 x 495 x 620
Weight, kg	76

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ISO 9001 Certified



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