

optimis II™

Cataract and Glaucoma Laser



1064nm Nd:YAG Laser

optimis II™

Quantel Medical's cutting edge laser technology has brought constant and multiple innovations to ophthalmologists worldwide since 1993.

Optimis II is a 1064nm Nd:YAG laser integrated into a premium diagnostic slit lamp.

Optimis II from Quantel Medical.

Advanced YAG Laser Technology.

Optimis II integrates a YAG laser with diagnostic slit lamp offering a compact, all-in-one design. The Optimis II combines premium optics and a powerful laser cavity to provide optimum photodisruption for capsulotomy and iridotomy procedures.

Diagnostic Slit Lamp

- Convergent Optical Path
- Optimized for viewing the anterior and posterior segment

Advanced YAG Technology

- Highly efficient, powerful and reliable
- Precise two-point aiming system
- Adjustable posterior offset

Advanced Design

- Integrated platform
- Compact footprint
- Combines with a green laser



YAG Mode

The YAG mode delivers high-performance photo-disruption for capsulotomy and peripheral iridotomy. The gaussian laser beam profile allows for precise delivery, only requiring minimum energy levels, which avoids side effects such as lens pitting.

Precise tissue targeting is achieved with the advanced two-point aiming beam, allowing for fast and accurate targeting of the capsule; and the adjustable offset feature, allowing for easy focus adjustment behind or at the point of disruption.

Precise and Powerful



Combo YAG/Multispot

A Glaucoma, Cataract and Retina Laser in One

The Optimis II easily combines with Quantel Medical Vitra or Vitra Multispot green photocoagulators.

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TECHNICAL SPECIFICATIONS



Nd:YAG

Laser source:	Q-Switched Nd:YAG
Wavelength:	1064nm
Energy levels:	0.5mJ to 10mJ (1 pulse)
Pulse duration:	4ns
Spot Size:	10 µm (86.4% energy in diameter) 8 µm FWHM
Repetition rate:	Up to 1.5Hz
Offset:	+30µm, +100µm, +200µm
Pulse mode:	1, 2 and 3 pulses per shot
Aiming beam:	Red 650 nm, adjustable intensity
Slit Lamp Type:	CSO 980
Magnification:	3 positions: 10x, 16x, 25x
Cooling:	Air cooled
Size (laser only):	67 (H) x 41 (W) x 50 (D) cm 24.4" (H) x 16.1" (W) x 19.7" (D)
Weight (laser only):	24.6kg 54.3lbs
Power requirements:	100 – 240VAC, 50/60Hz

AVAILABLE MODELS

Optimis II
Optimis II and Vitra laser platform
Optimis II and Vitra Multispot laser platform

Specifications are subject to change without notice.

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Designed and Manufactured by Quantel Medical in France



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