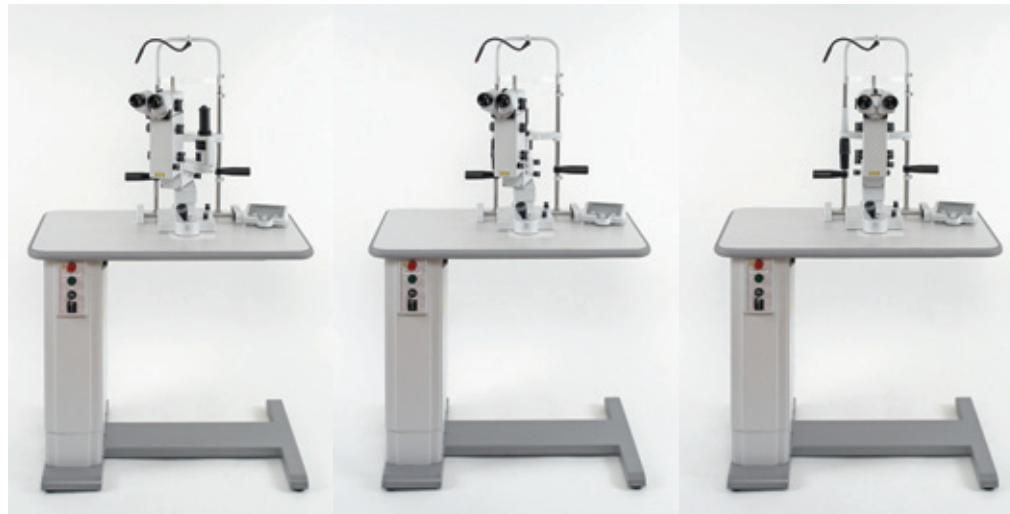


OptoYag

Technical specifications

LASER	OptoYag
Laser source	Q-switched Nd:YAG
Wavelength	1064 nm
Energy	0,5 to 10 mJ per pulse; 10 Steps Selectable
Spot Size	< 10 µm
Cone Angle	16°
Offset	0, +150, +300 µm
Pulse Rate	Up to 1,5 Hz
Burst Mode	1, 2 and 3 Pulses
Pulse Duration	4 ns
Aiming Beam	Red dual diode; 650 nm
Cooling System	Air convection
Laser control	On joystick (trigger button) or optional footswitch
LASER SLIT ILLUMINATION SYSTEM	
Type	e-SlitLight
Illumination Source	White LED
Total Magnification	Selectable 3 Positions; 10x, 16x, 25x
TABLE	Side-mounted Power Supply Console with electrical lifting mechanism
UNIT DIMENSIONS	
Base (W x D x H)	310 x 360 x 465 mm
Height of table	700 - 900 mm
Table top dimensions	485 x 795 mm
WEIGHT	
OptoYag	10 kg
Table	47 kg
ELECTRIC RATINGS	
Power Supply	100 - 240 V~, 50 - 60 Hz, 6, 4 A MAX

Optotek reserves the right to modify the specification in order to improve the product.



OPTOTEK
medical



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Local distributor:



OptoYag

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OptoYag

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Advantages

- short treatment times
- reduced risk of IOL pitting
- greater patient comfort

OptoYag is a Photodisruptor for Capsulotomy and Iridotomy treatments. It is a Q-switched Nd:YAG laser emitting short pulses at the wavelength of 1064 nm. The laser is integrated into the e-SlitLight. The OptoYag emits pulses at levels from 0.5 to 10 mJ. A dual red diode aiming beam with continuous power adjustment allows precise focusing of the YAG laser.



LED illumination

Laser system is integrated into the e-SlitLight. e-SlitLight is an ophthalmic slit illumination system with a white LED light source. The LED light source is a solid state light with a life expectancy in the range of thousands of hours. White LED illumination means constant light colour independent of light intensity and lower colour temperature at high contrast. Therefore more details can be seen and better images obtained.

Ease of use

High level solutions and sophisticated electronics provide owners with an excellent diagnostic tool and photodisruptor.

Located next to the joystick, the fine energy setting buttons, enable the physician to adapt the energy used to the clinical needs and keeping continuously control throughout the treatment.



Mechanical precision and optical quality

OptoYag is made with special care. High quality optical and mechanical components are made in-house or in close cooperation with suppliers within the EU.



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Ergonomic design

Alongside precise and smooth mechanisms the OptoYag is ergonomically designed with special attention paid to ease of use. OptoYag includes side-mounted table with a motorised lifting mechanism which means it can also be easily used by wheelchair patients.