

APPA YAG LASER

MODEL: 307



Fully Integrated
Photodisruptor

Affordable and the Reliable
Ophthalmic Nd:YAG Laser

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SPECIFICATIONS:

Laser	Nd:YAG
Laser wavelength	1064nm
Mode	Super Gaussian
Cone angle	16°
Mode of operation	Q-Switched(CR4+)
Min. laser energy	0.2mJ – 10 mJ (Single pulse)
Max. laser energy	Single pulse 10mJ Double pulse 24mJ Triple pulse 35mJ
	Continuous Variable
Pulse Interval	< 4 ns
Optical breakdown	Typically 2.5mJ in air
Focus diameter(Spot size)	10µm
Focus shift	± 500µm (Posterior - 0, 125, 250, 375, 500 Anterior - 0, 125, 250, 375, 500)
Pulse length	< 4ns (type 2 - 3ns)
Pulse repetition frequency	2.5 Hz
Aiming beam	Dual Beam Method Laser diode 635nm Power 5mW (Continuous Variable)
Cooling	Ambient Air
Magnification	3 step / 5 step
Focus distance	100mm
Interpupillary distance	53mm to 75mm
Eye pieces	12.5X
Illumination	12V - 30W Halogen / 3.4V - 700mAh LED
Slit adjustment	0-14mm
Slit length	Ø14.0, 10.0, 8.0, 5.0, 3.0, 2.0, 1.0mm
Slit rotation	0°-180°
Filters	Heat absorbing, Cobalt Blue and Red free green
Power supply	110 - 230V, 50 - 60Hz
Dimension	Weight 30kg (approx.) 86 cm x 52 cm x 51 cm



EN ISO 13485:2012
EN ISO 9001:2008
Certified Organization



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