

optimis[™] + FUSION vitra²

LASER 3 IN 1
SLT/YAG
MULTISPOT LASER



TECHNICAL SPECIFICATIONS

	OPTIMIS FUSION		VITRA 2
	SLT	Nd:YAG	Multispot Photocoagulator
Laser source:	Q-switched, frequency doubled Nd:YAG	Q-switched Nd:YAG	Frequency doubled Nd:YAG
Wavelength:	532 nm	1064 nm	532 nm
Energy levels/Power:	0.3 to 2 mJ	0.3 to 10 mJ (1 pulse)	1500 mW (at tissue)
Pulse duration/Exposure:	4 ns	4 ns	10 ms to continu
Spot Size:	400 microns	10 microns (86.4% energy in diameter) 8 microns FWHM	Monospot: 50 µm to 400 µm Multispot: 100 µm to 400 µm Patterns: square, circle, triple arc, single spot
Repetition rate:	2.5 Hz	2 Hz	N/A
Offset: (Anterior and Posterior)	N/A	-150µm, +30µm, +150µm	N/A
Pulse mode:	Single pulse	1, 2 and 3 pulses per shot	Single, repeat, painting, continuous
Aiming beam:	Red 635 nm, adjustable intensity	Red 635 nm, adjustable intensity	635 – 650 nm
Slit lamp:	CSO 980 - LED	CSO 980 - LED	N/A
Magnification:	3 positions: 10x, 16x, 25x	3 positions: 10x, 16x, 25x	N/A
Cooling:	Air cooled	Air cooled	By Peltier effect
Size (laser only):	64.7 (H) x 54 (W) x 48.5 (D) cm 25.5" (H) x 21.3" (W) x 19" (D)	64.7 (H) x 54 (W) x 48.5 (D) cm 25.5" (H) x 21.3" (W) x 19" (D)	18 (H) x 19.5 (W) x 30 (D) cm 7.1" (H) x 7.7" (W) x 11.8" (D)
Weight (laser only):	24.15 kg 53.1 lbs	24.15 kg 53.1 lbs	5.6 kg 12.3 lbs
Power requirements:	100-240 VAC, 250 VA, 50/60 Hz	100-240 VAC, 250 VA, 50/60 Hz	100 to 240 VAC, 250 VA, 50/60 Hz
Delivery Systems:	N/A	N/A	Laser indirect ophthalmoscope: Keeler Vantage Plus (external laser adapter)

Specifications are subject to change without notice.

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