



## TECHNICAL SPECIFICATIONS



### VITRA 2 SPECIFICATIONS

Laser:	Frequency doubled Nd: YAG
Wavelength:	532 nm Green
Maximum power:	1500 mW (at tissue)
Pulse duration:	10 ms to continuous
Repeat interval:	0.1 – 0.2 – 0.3 – 0.4 – 0.5 – 0.6 – 0.7 s
Aiming beam:	635 – 650 nm
Size:	18 (H) x 19.5 (W) x 30 (D) cm 7.1" (H) x 7.7" (W) x 11.8" (D)
Weight:	5.6 kg – 12.3 lbs
Cooling:	By Peltier effect
Power requirements:	100 to 240 VAC, 250 VA, 50/60 Hz

### DELIVERY SYSTEM

#### SINGLE SPOT SLIT LAMP ADAPTERS

Emission modes:	Single, repeat, painting, continuous
Spot size:	50 µm to 500 µm
Slit lamp compatibility:	Quantel Medical slit lamp, Haag Streit BM & BQ and clones, Zeiss 30 SL, 120 SL et 130 SL and clones Lasers: Optimis 2 and Optimis Fusion

#### MULTISPOT SLIT LAMP ADAPTER

##### MonoSpot Mode:

Emission modes:	Single, repeat, painting, continuous
Spot size:	50 µm to 400 µm

##### MultiSpot Mode:

Patterns:	square, circle, triple arcs, single spot
Spot size:	100 µm to 400 µm

##### Resume® Fonction

Slit lamp compatibility:	Quantel Medical slit lamp, Haag Streit BM & BQ and clones, CSO SL 9800 Lasers: Optimis 2 and Optimis Fusion
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Laser indirect ophthalmoscope: Keeler Vantage Plus (external laser adapter)

Laser probes:	Straight 20,23,25 G Curved 20 G Flexible curved 23,25 G Steerable 23,25 G
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OR microscope adapters: Zeiss type, Leica type

Specifications are subject to change without notice. Non contractual pictures.  
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- 1- Jain A, Blumenkranz MS, Paulus Y et al. Effect of pulse duration on size and character of the lesion in retinal photocoagulation. Arch Ophthalmol. 2008; 126:78-85.
- 2- Yi-Ryeong Park, Donghyun Jee. Changes in Peripapillary Retinal Nerve Fiber Layer Thickness after Pattern Scanning Laser Photocoagulation in Patients with Diabetic Retinopathy. Korean J Ophthalmol 2014;28(3):220-225.
- 3- Hussainy S Al, Dodson PM and Gibson JM. Pain response and follow-up of patients undergoing panretinal laser photocoagulation with reduced exposure times. Eye. 2008; 22, 96-99
- 4- Muqit MM, Marcellino GR, Henson DB et al. Single-Session vs Multiple-Session Pattern Scanning Laser



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