

## TECHNICAL SPECIFICATIONS

### SLT MODE

Laser Source	Q-switched, frequency doubled Nd:YAG
Wavelength	532 nm
Energy	0.3 to 2.6 mJ per pulse, continuously variable
Pulse Width	3 ns
Burst Mode	Single pulse only
Spot Size	400 µm
Aiming Beam	Red 635 nm, adjustable intensity

### YAG MODE

Laser Source	Q-switched Nd:YAG
Wavelength	1064 nm
Energy	0.3 to 10 mJ per pulse, continuously variable
Pulse Width	4 ns
Air breakdown	Typical 1.4 mJ <sup>4</sup>
Burst Mode	1, 2 and 3 pulses per burst, selectable
Spot Size	8 µm
Offset (Anterior & Posterior)	0, -500 to +2000 µm
Aiming Beam	Dual green 515 nm, adjustable intensity

### COMMON FEATURES SPECIFICATION

Repetition Rate	Up to 4 Hertz
Magnification	10x 17x 29x Optimized for enhanced anterior segment visualization
Illumination	LED True Coaxial Illumination (Reflex Technology)
Cooling	Fan cooled cavity
Imprint HUD Display	Energy and mode display within right binocular (Upon availability)
Smart Joystick	Dual function, energy adjust and fire
User Interface	10.1" Capacitive touch screen tablet
Medical Records	Compatible with DICOM patient management systems
Remote Service Access	Remote system diagnosis / fault reporting
Electrical Requirements	100–240 VAC, 50/60 Hz, <800 VA
Weight	27.5 kg, 60.6 lbs (laser only)
Dimensions (HxWxD)	57 x 75 x 44 cm, 23 x 30 x 18 inches (laser only)
Standard Accessories	Total Solution table, safety glasses, laser safety sign, dust cover
Optional Accessories	SLT laser lens, capsulotomy and iridotomy laser lenses, footswitch, five-position magnification changer, beam splitter, "C" mount camera adapter, video camera adapter, co-observation tube

Specifications are subject to change without notice. Non contractual pictures.

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### BIBLIOGRAPHY

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**LASER CLASS 3B Nd:YAG: 1064nm, 55mJ Max, 4ns pulse & Nd:YAG: 532nm, 6mJ Max, 3ns pulse**  
**LASER CLASS 2 Diode Laser: 635nm, <1mW Max CW & Diode Laser 515nm, <1mW Max CW**  
**WARNING: VISIBLE AND INVISIBLE LASER RADIATION - AVOID EXPOSURE TO BEAM**  
 CLASS 3B LASER PRODUCT per IEC 60825-1:2014

**Manufacturer**  
 Ellex Medical Pty Ltd  
 3-4 Second Avenue  
 Mawson Lakes, SA 5095 Australia  
 Tel: +61 (0)8 7074 8200  
 ISO 13485 : 2016

**Headquarters**  
 Lumibird Medical  
 1, Rue du Bois Joli - CS40015  
 63808 Cournon d'Auvergne - France  
 Tel: +33 (0)4 73 745 745



www.lumibirdmedical.com