

TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS

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*
Burst Mode	1, 2 and 3 pulses per burst, selectable
Spot Size	8 µm

Cone angle	16°
Offset (Anterior & Posterior)	0, -500 to +2000 µm
Aiming Beam	Dual green 515 nm, adjustable intensity
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
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 system
Remote Service Access	Remote system diagnosis/ fault reporting
Electrical Requirements	100-240 VAC, 50/60 Hz, < 800 VA
Weight	26.8 kg, 59.1 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	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.
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BIBLIOGRAPHY

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LASER CLASS 3B Nd:YAG: 1064nm, 55mJ Max, 4ns pulse
LASER CLASS 2 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

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ISO 13485 : 2016

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