

# Integre<sup>®</sup> pro

## Laser Range

### TECHNICAL SPECIFICATIONS

Laser Source	Solid-state laser diode and cavity
Wavelength	1 Yellow-red configuration: 561 nm and 670 nm 2 Yellow configuration: 561 nm 3 Green configuration: 532 nm
Power at the fiber port	Red: 1 watt. Yellow: 1.5 watts. Green: 1.5 watts
Power at the cornea	Red: 50 – 1000 mW, Yellow: 50 – 1500 mW, Green: 50– 1500 mW
Aiming Beam	Red 635 nm, adjustable intensity
Magnification	6x, 10x, 16x, 25x, 40x
Electrical Requirements	100-240 VAC, 50/60 Hz, 800 VA
Cooling	Air cooled

	Integre <sup>®</sup> Pro	Integre <sup>®</sup> Pro Scan
Exposure Time	10 ms to 8.0 s	Pattern Scanning mode: 10 to 30 ms SingleSpot mode: 10 ms to 8.0 s
Spot Size	50 to 1000 µm, continuously variable	Pattern Scanning mode: 100 to 500 µm, continuously variable SingleSpot mode: 50 to 1000 µm, continuously variable
Repeat Mode	50 ms to 1.0 s	Pattern Scanning mode: N/A, SingleSpot mode: 50 ms to 1.0 s
Weight	32kg, 71 lbs. (laser only)	35kg, 77 lbs. (laser only)
Dimensions (HxWxD)	62 x 76 x 47 cm, 24 x 30 x 19 inches (laser only)	62 x 76 x 47 cm, 24 x 30 x 19 inches (laser only)

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

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#### BIBLIOGRAPHY

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LASER CLASS 4  
Nd:DPSS 532nm, 2W, 8s, CW (max)  
Nd:DPSS 561nm, 2W, 8s, CW (max)  
Nd:DPSS 670nm, 1.35W, 8s, CW (max)

LASER CLASS 2  
Diode laser, 635nm, <1mW, CW

**DANGER – LASER RADIATION AVOID EYE OR SKIN  
EXPOSURE TO DIRECT OR SCATTERED RADIATION**  
CLASS 4 LASER PRODUCT per IEC60825-1:2014

CE  
2797

#### Manufacturer

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