

integro lio[®]

TRULY **WIRELESS**
TOTAL **CONTROL**



Laser Indirect Ophthalmoscope
Direct Laser Diode Technology

TECHNICAL SPECIFICATIONS

LASER INDIRECT OPHTHALMOSCOPE

Technology	Laser diode
Wavelength	532 nm Green
Maximum power	1000 mW (at tissue)
Pulse duration	0.01 s to 1 s
Repeat intervals	0.1 s to 3 s
Aiming beam	635 nm
Spot size	1100 µm
Heads-up display	Treatment settings displayed in the right binocular
Size	21 (H) x 22 (W) x 37 (D) cm 8.27" (H) x 8.66" (W) x 14.57" (D)
Weight	1 kg – 2.20 lbs Unpacked
Cooling	Air cooled

FOOTSWITCH

Wireless communication	Bluetooth® Low Energy (BLE)
Screen size	4.2"
Size	17 (H) x 24 (W) x 28 (D) cm 6.70" (H) x 9.45" (W) x 11.02" (D)
Weight	2.5 kg – 5.51 lbs Unpacked
Battery	Long-lasting rechargeable batteries (footswitch and headset). Full day of use on a single charge.
External power supply	2.8 m/9.19 ft lenght cable
Power requirements	100 to 240 VAC, 50/60 Hz, 1A

SUITCASE

Size	55 (H) x 36.6 (W) x 23 (D) cm 21.65" (H) x 14.41" (W) x 9.05" (D)
Weight	3.6 kg - 7.94 lbs (empty) 7.7 kg - 16.98 lbs (with product)

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

Clinical references:

- 1- Vogel M, Schäfer FP, Stuke M, Müller K, Theuring S, Morawietz A. Animal, experiments for the determination of an optimal wavelength for retinal coagulations. Graefes Arch Clin Exp Ophthalmol. 1989;227:277-280.
- 2- Mainster MA. Wavelength selection in macular photocoagulation. Tissue optics, thermal effects, and laser systems. Ophthalmology.1986;93:952

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XL_INTEGRE_LIO_BC2_AN_260803



**CE marking pending, unavailable until marked
FDA cleared**

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