

NORLASE®

LION™

Fully Integrated LIO and Green Laser
Untethered Design, Battery Powered



LION™ GREEN LASER INDIRECT OPHTHALMOSCOPE

The Norlase® LION™ is a green laser indirect ophthalmoscope designed with you and your patients in mind. LION's ultra-compact laser technology is built-in and powered by a battery in the footswitch – allowing doctors to enjoy an untethered, lightweight and portable laser treatment solution. A wireless user interface and voice control of parameters provide unmatched ease of use and practice efficiency.



FUNCTIONALITY AND FLEXIBILITY

LION is lightweight, portable, and easy to transport anywhere – whether in-between treatment rooms or satellite offices. Free up valuable practice space without the need for a dedicated laser treatment room.

INTEGRATED AND UNTETHERED

Experience ultimate portability and flexibility. The laser-integrated headset with rechargeable battery and a wireless user interface can be used anywhere in any setting.

INDUSTRY-FIRST VOICE CONTROL

Sophisticated voice recognition feature provides touch-less parameter control during treatment allowing physicians to maintain focus on the patient.

WIRELESS TECHNOLOGY

LION parameter settings are fully operable through an intuitive user interface on a sleek wireless tablet.



NORLASE IS REINVENTING THE LIO

Norlase created LION with technology that is unique and disruptive. LION is the first of its kind laser indirect ophthalmoscope integrated with a built-in laser source, self-contained fibers and untethered design.



Laser and control electronics reside in the LION headset.

Innovative ultra-compact laser source smaller than a coin.



Actual size.



COMFORT AND CONTROL

Industry standard functionality and comfort with comparable weight to a diagnostic BIO.



INNOVATIVE DESIGN

LION is a lightweight integrated laser that's battery-powered, utilizes a wireless user interface and features voice control of parameters. Not only is it sleek and sophisticated, but it's a smart choice for elevating any ophthalmic practice.



ADDED SAFETY

LION use provides extra space between the doctor and the patient compared to a slit lamp, and the LION can be brought directly to the patient, thus eliminating possible contamination of multiple exam rooms.



ADVANCED TECHNOLOGY

High power miniaturized green laser small enough to reside in the headset allowing unprecedented portability.

EFFICIENCY AT YOUR FINGERTIPS



LION laser has the perfect balance of power and practice efficiency. Everything you need to treat your patients is at your fingertips. LION is an innovative and enabling addition to your ophthalmic practice and combines functionality and flexibility for improved workflow.

ABOUT NORLASE

Norlase is on a mission to improve the lives of ophthalmologists and patients around the world. Our unique heritage in laser technology allows us to approach challenges in ophthalmology through a new lens - developing solutions that provide superior use and practice value in the doctor's clinic.

That's why we're developing next-generation lasers that allow you to treat more patients, maximize practice space, and provide the quality of care and increased safety that your patients are seeking.

SPECIFICATIONS

Treatment Beam

Type	Semiconductor Laser
Wavelength	520 nm
Power Output	0 – 1000 mW
Pulse Durations	10 ms - 1000 ms
Pulse Intervals	Off, 50 ms to 3000 ms
CDRH Classification	Class IV
European MDD Laser Classification	Class 4

Aiming Beam

Type	Semiconductor Laser
Wavelength	635 nm
Power Output	< 1 mW

Battery

Rechargeable battery provides hours of continuous use.

