

VYLO™ Laser System*

Versatile Yield Laser Output



The VYLO system is a versatile, high-powered, 455nm blue light surgical laser that combines the unique strengths of different laser technologies into a single solution.

Overview

The VYLO laser system sets a new standard in surgical precision and efficacy, leveraging the unique properties of the 455nm wavelength for superior incision/excision, vaporization, ablation, and coagulation of soft tissue—all in a single solution. This optimal wavelength ensures maximum absorption by targeted tissues, resulting in cleaner cuts, efficient ablation of unwanted tissues, and immediate coagulation for minimal bleeding. With the VYLO system, providers can perform intricate procedures with confidence, knowing that they have a tool that not only enhances surgical precision, but also promotes quicker healing and reduced post-operative complications.

Power

VYLO is the only blue light laser system to offer up to 30 watts of power and 4 emission modes, tailored specifically for surgical procedures on sensitive tissues and mucosal areas.

Precision and Control

VYLO allows surgeons to adapt to varying tissue densities, offering precise control to navigate sensitive anatomy, and superior precision for accurate, minimally invasive interventions.



Versatility

4 different emission modes — Continuous Wave (CW), Pulsed Wave (PW), Quasi Pulsed Wave (QPW), and Quasi Continuous Wave (QCW).

Trusted

Backed and clinically validated by pioneers in the industry and world-leading clinicians, InnoVoyce is affiliated with the Voice Health Institute, a federally approved non-profit organization founded by voice and airway patients to support the advancement of voice and airway health.



*Pending FDA 510(k) clearance

Key Features

- Adjustable up to 30 watts of power
- 4 unique emission modes (CW, PW, QPW, QCW)
- FiberSafe™ protection technology
- Automatic eye safety filter, compatible with major microscope brands
- Large touchscreen GUI with programmable settings
- Enhanced strain relief laser fiber connection port
- Electronic footswitch with guard shroud for consistent operation and easy tactile location
- Mobile cart maximizes portability and utility
- 300µm, 400µm and 600µm Fiber Sizes

System Specifications**

Light Source	Diode
Applied Part	Laser Fiber
Wavelength	455nm ± 10nm
Max Output Power	30W
Divergence from Fiber	15° ± 3°wve
Aiming Beam Wavelength	515nm
Aiming Beam max Output Power	5mW
Fiber Sizes	300µm, 400µm and 600µm
Operating Temp/Humidity	15°C - 30°C (59°F - 86°F) / <90%
Storage Temp/Humidity	0°C - 40°C (32°F - 104°F) / <90%
Operating Atmospheric Pressure	The device is not approved for operation at altitudes above 2000m (SL) and for an air pressure between 1080 hPa and 750 hPa
Weight	20.5kg
Dimensions	13.4" x 14.7" x 14"
Power Requirements	100VAC to 240VAC +/- 10% <5A 50Hz to 60Hz
Size of fixed earthing conductor (Lug)	6mm
Composition of coolant	1,2-propanediol, water, Methyl-1H-Benzotriazole, Sodium benzoate

Laser Emission Mode	Rep Rate (pps Hz)	Macro Pulse Width	Micro Pulse Width	Fiber Output Setting Peak Power	Increment Steps
Continuous Wave (CW)	NA	NA	NA	3W-30W	0.1W (3-10W) 1.0W (10-30W)
Pulsed Wave (PW)	1 to 10	1ms-200ms	NA	3W-30W	0.1W (3-10W) 1.0W (10-30W)
Quasi Pulsed Wave (QPW)	1 to 10	5ms-200ms	0.5ms-4.5ms	3W-30W	0.1W (3-10W) 1.0W (10-30W)
Quasi Continuous Wave (QCW)	80 to 1000	NA	20-66% Duty Cycle	3W-30W	0.1W (3-10W) 1.0W (10-30W)

**Specifications subject to change without notice. Always refer to the Instructions for Use that came with your system for the specifications for your system or contact InnoVoyce or your authorized InnoVoyce representative.



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More Power Out of the Blue

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