

## Specifications

### Company Name

Lumenis

### Model Name

Novus Varia

### Part Number

0642-000-01

The Novus Varia multicolor photocoagulator enhances the physician's ability to treat patients by utilizing wavelengths with different light absorption characteristics - specifically targeting the three endogenous chromophores that are of primary relevance in retinal surgery: melanin, hemoglobin, and xanthophyll.

With the ability to choose from multiple colors of light that also differ in their penetration characteristics, the Novus Varia allows the retina specialist to select a specific wavelength that will reach and be maximally absorbed by the target chromophore while minimally absorbed by competing chromophores.

**The result is a customized laser treatment with optimal clinical outcome and fewer side effects.**

## Synopsis

### Technical Specifications

Wavelength

532nm, 561nm, 659nm

Weight

52.2kg or 115lbs

Dimensions

102cm (40in) x 46cm (18in) x 64cm (25in)

Power requirements

100-230 VAC 50/60 Hz <10A

Fiber Compatibility

SMA 906

Laserlink Z-1000 Slit Lamp Adapter (for Zeiss® SL 130, 30SL, 20SL, and 125SL) Keeler® and Heine® LIO

Comprehensive selection of standard, straight, curved, illuminating, aspirating, and directional endophotocoagulation probes in 20, 23, and 25 gauge

Delivery System Compatibility

air-cooled

Cooling system

IEC, and ETL

Safety approvals

Retinal photocoagulation, panretinal photocoagulation, and intravitreal endophotocoagulation of vascular and structural abnormalities of the retina and choroid including:

- Proliferative and nonproliferative diabetic retinopathy

- Choroidal neovascularization

- Branch retinal vein occlusion

- Age-related macular degeneration

- Retinal tears and detachments

- Retinopathy of prematurity

FDA clearances

Iridotomy, iridectomy, and trabeculoplasty in angle closure glaucoma and open angle glaucoma  
(if applicable to your product if not then don't list)

BME training

Clinical Training

Service

On-sight

International Manufacturing Standards

CE