With Unique Heads Up Display the Physician does not Lose Sight of the Patient’s Retina

Heads Up Display
Heads up display shows changes of settings as text on the retina, seen through the oculars of the slit lamp.

3D Micromanipulator
The Array 3D Micromanipulator allows the adjustment of laser power, number of spots, titrate mode and micromanipulation of the laser beam - all in the palm of your hand.

Intuitive Touch Screen
Intuitive touch screen duplicates the functions of the laser’s remote control. The fully adjustable monitor can be set on either side of the slit lamp. It is easily reached and visualized for treatment set up and during the procedure.

Lumenis Array® LaserLink™ Specifications

Patterns:
- Single spot, square, box, triangle, circle, quarter circle, half circle

Spot Size:
- Single spot: 60, 100, 150, 175, 200, 250, 300, 400, 500, 1000 µm
- Other Patterns: 100, 150, 200, 250, 300, 350 µm

Spot Spacing:
- Single-ring circle: x 0.00, 0.25, 0.50, 0.75, 1.00, 1.50, 2.00, 2.50, 3.00
- Other patterns: x 0.25, 0.50, 0.75, 1.00, 1.50, 2.00, 2.50, 3.00

Spot Duration:
- 10, 20, 30, 40, 50 ms for pattern
- 10 - 3000 ms for single spot

Power:
- 532 nm: 50 - 2000 mW
- 577 nm: 50 - 1500 mW
- 659 nm: 50 - 800 mW*

Compatible lasers
- Vision One 532 nm (green) | 577 nm (yellow) | 659 nm (red)*
- Novus Spectra / Spectra DP 532 nm (green)

Compatible slit lamps
- Off-Axis Illumination Slit Lamps: Lumenis 980 | Zeiss 30SL | Zeiss SL130

Electrical requirements
- 100 - 240 VAC, 50/60 Hz, 150 W max

General specifications
- Weight:
  - Console: 3.5 kg
  - Array LaserLink™ Module: 5 kg
- Equipment classification:
  - US Class II, EU Class I

* Relevant only for single spot patterns

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Pattern Scanning Laser can reduce photocoagulation treatment time by as much as 60%.

Pattern scanning laser provides enhanced uniformity of laser application, shorter treatment time, and less discomfort to the patient.

The Array™ LaserLink™ offers pattern scanning capabilities compatible with Lumenis laser systems and popular slit lamps, versatility of wavelengths, various adjustable patterns and a range of laser spot sizes.

**Array™ LaserLink™ Pattern Scanning Laser Technology**

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Pattern scanning laser provides enhanced uniformity of laser application, shorter treatment time, and less discomfort to the patient.

The Array™ LaserLink™ offers pattern scanning capabilities compatible with Lumenis laser systems and popular slit lamps, versatility of wavelengths, various adjustable patterns and a range of laser spot sizes.

**Compatibility**
- Links with Lumenis lasers: Vision One, Novus Spectra
- Attaches to most popular slit lamps: Lumenis 980, Zeiss SL130, Zeiss 30SL

**Versatility**
- With Lumenis multi-wavelength technology, Array™ delivers any of the following wavelengths:
  - Green: 532 nm
  - Yellow: 577 nm
  - Red: 659 nm

**Sensibility**
- Intuitive touch screen
- Custom 3D micromanipulator
- Heads up display, shows important parameter changes on the retina
- Frame mode displays a precise outline in 0.5 mm where the pattern will be administered
- Options: single spot, two spots, various patterns

Array™ offers a range of laser spot sizes from 50 µm to 1000 µm in single spot mode, and 100 µm to 500 µm in pattern scanning mode.

**Array™ LaserLink™ Keeps the Target in View**

**Maintain Focus on the Patient**

**Eyes Forward Control**
- Control and verify treatment parameters without moving from the slit lamp oculars or losing sight of the target retina

**Heads Up Display**
- Display text on the retina
- Modified parameters are projected as text onto the retina

**Intuitive Touch Screen**
- Fully adjustable monitor
- Easily reached and visualized for treatment set up and procedure

**Unique Array 3D Micromanipulator**
- Controls laser parameters and micromanipulation
- Adjustable for left or right hand use

**Continuous Variable Spot Size**
- Single spot from 50 µm to 1000 µm
- Pattern mode from 100 µm to 500 µm
- Customized treatment for the particular disease state and tissue response

**Selectable Spot Spacing**
- For a circle, from 0-3 times the spot diameter
- For other patterns, from 0.25-3 times the spot diameter

**Variety of Adjustable Patterns**
- Includes single spot and six types of patterns:
  - Square: 2 to 5 spots per edge
  - Line: 2 to 5 spots per line, up to 4 lines in shape
  - Triangle: 3 or 5 spots per edge
  - Circle: Single adjustable ring
  - Quarter of a circle: 1 or 3 adjustable arcs
  - Half of a circle: 1 or 3 adjustable arcs

**Up to 5 Preset Protocols**
- Retains favorite settings in memory
- Includes settings such as fundus lens selection, beam power, spot size, spot spacing, number of spots and duration

**Next Generation ClearView™ Filters**
- Filters photopic balanced coating to eliminate color distortion
- Optimizes white light transmission or “brightness” of the physician’s view

**Patented SureSpot™ Optics**
- Ensures that the focal point of the laser beam is maintained on the retina
- Minimizes power density on the cornea and lens for increased safety

**Notes:**