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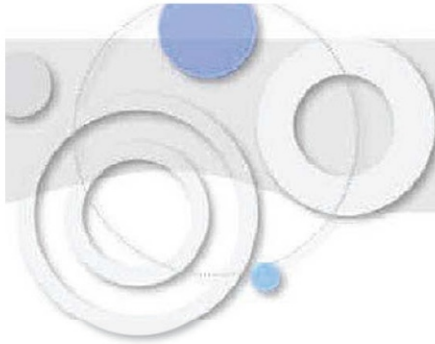
Science in Sight



NEW XLink

CROSSLINKING SYSTEM (CXL)

DESIGNED FOR CORNEAL COLLAGEN CROSS-LINKING



CONTROLLED UV-A DELIVERY

The New OPTO X-LINK is a corneal cross-linking system designed to deliver a physician-selected energy dose in a collimated, homogeneous pattern over the treatment area. Its internal microprocessor and sensors control system functions and monitor emitted energy during operation.

- **Fine mechanical positioning adjustments.**
- **Optical distance indicator for treatment-head positioning.**
- **Continuous and pulsed operating modes.**

HOME SCREEN

- Selected energy dose and irradiance
- Treatment time and riboflavin soaking time
- Continuous or pulsed mode and pulse timing
- Selected UV-A spot diameter
- Real-time positioning feedback



SETTINGS AND CONFIGURATION

- Button, treatment-message, and alert volume
- Screen brightness and aiming-light intensity
- Treatment music selection
- Riboflavin soaking reminders and other alerts
- Display-language selection



QUICK-ACCESS ICONS

- Return to home screen
- Software-license information
- Camera-position adjustment
- Music, language, and quick-guide controls
- Interlock-key management

TREATMENT-PROGRESS DISPLAY

- Applied dose and remaining treatment time
- Riboflavin soaking time
- Application distance in real time
- Selected spot diameter and treatment mode



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Pre-programmed and Personalized Treatments:



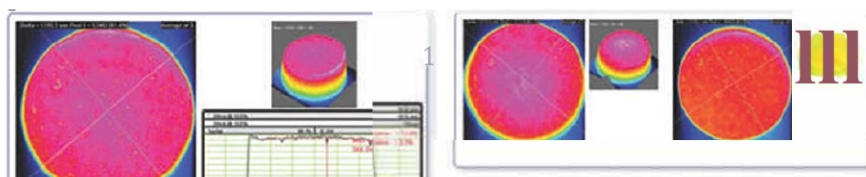
- Factory-programmed Dresden and accelerated protocols.
- Create and save personalized treatment settings.
- Direct selection of treatment parameters.

PROGRAMMING AND MONITORING OF RIBOFLAVIN SOAKING TIME



- Programs and monitors corneal soaking with riboflavin.

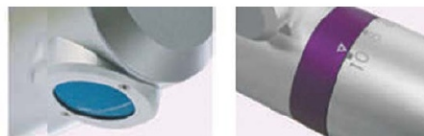
The optical system is designed to provide collimated UV-A illumination with homogeneous energy distribution across the selected treatment area. The nominal working distance is 45 mm. Positioning and permitted tolerances must follow the current OPTO instructions for use.



Uniform UV-A distribution without localized hot spots.

Broad depth of focus supports positioning around the nominal working distance.

- Collimated optics
- Selectable circular spot diameters: 6, 8, and 10 mm



USER-FRIENDLY TOUCHSCREEN

- Treatment time
- Applied dose
- Irradiance (power density)
- Selected spot diameter



New OPTO X-LINK with adjustable support and integrated camera-monitoring system





NEW XLink
CORNEAL CROSSLINKING SYSTEM



TECHNICAL SPECIFICATIONS

UV-A source	LED, 365 +/- 5 nm
Irradiance range	1.5-30.0 mW/cm ²
Energy dose	Controlled up to 7.2 J/cm ²
Riboflavin soaking program	Up to 60 minutes; 1-minute increments
Operating modes	Continuous and programmable pulsed modes
Pulsed-mode timing	0.5-10 seconds ON and OFF
Treatment time	10 seconds-60 minutes
Treatment-time adjustment	10-second increments
Energy monitoring	Microprocessor feedback; tolerance per current IFU
Internal power meter	Maximum stated error: less than 5%
UV-A spot diameters	Selectable: 6, 8, and 10 mm
Fixation light	Red LED, 670 +/- 20 nm
Maximum fixation-light power	0.8 mW
Nominal working distance	45 mm
Distance-positioning system	Visual feedback using an 870 nm infrared LED sensor
Maximum distance-sensor LED power	Less than 1 mW
Display	7-inch wide-format color touchscreen
Camera	Integrated into the optical tube
Audible prompts	Treatment, riboflavin, and system alerts
Interlock	Integrated rear-panel connection
Emergency stop	Front-panel control
Transport case	Optional
UV protective eyewear	Two pairs included; verify supplied configuration
Power supply	90-240 V AC, 50/60 Hz; automatic selection
Weight, console with UV-A head	8.5 kg
Console dimensions (H x W x D)	180 x 325 x 360 mm
Positioning support	Fine mechanical adjustments; stand optional
Ingress protection	IPX1
Brazil ANVISA registration	No. 10309570024
Market availability	Indications and authorization vary by market

Specifications and accessories may vary by configuration. Use only in accordance with the current OPTO instructions for use and applicable market authorization. Technical specifications are subject to change without notice.



DISTRIBUTOR CONTACT

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