

New OPTO X-LINK

UV-A corneal cross-linking system

365 nm UV-A



Product Overview

A dedicated ophthalmic platform designed to deliver a physician-selected UV-A energy dose during corneal collagen cross-linking procedures. Fine mechanical positioning, real-time distance feedback, an integrated camera, and streamlined touchscreen controls support controlled treatment setup and monitoring.

Verified Core Specifications

UV-A source: LED, 365 +/- 5 nm
Irradiance: 1.5-30.0 mW/cm²
Energy dose: controlled up to 7.2 J/cm²
Treatment spots: selectable 6, 8, and 10 mm

Treatment Controls

- Continuous and programmable pulsed operating modes
- Factory-programmed Dresden and accelerated protocols
- Ability to create and save personalized treatment settings
- Treatment time from 10 seconds to 60 minutes
- Riboflavin-soaking program up to 60 minutes

Positioning & Workflow

- 45 mm nominal working distance
- Visual distance feedback using an infrared LED sensor
- Integrated camera in the optical tube
- Fine mechanical positioning adjustments
- 7-inch wide-format color touchscreen
- Audible treatment, riboflavin, and system alerts

Additional Technical Data

Power supply 90-240 V AC, 50/60 Hz

Console dimensions 180 x 325 x 360 mm (H x W x D)

Fixation light Red LED, 670 +/- 20 nm

Console weight 8.5 kg with UV-A head

Ingress protection IPX1

Positioning support Fine adjustment; stand optional

Specifications, accessories, authorized indications, and availability may vary by configuration and market. Confirm the final quoted configuration before purchase. Use only in accordance with the current OPTO instructions for use and applicable market authorization. Specifications are subject to change without notice.