



## Features

- 3 energy levels allow high flexibility
- Only five minutes treatment time in the highest energy level
- Continuously adjustable aperture from 7 to 11 mm for protection of limbal stem cells
- Sturdy transport case allowing the surgeon to be mobile
- Monitor shows the result of the self-test and the remaining treatment time
- Excellent light homogeneity & linearity
- Precise working distance alignment

## Technical specification

Wavelength range	:	365 nm
Illumination intensity	:	3 – 9 – 18 mW/cm <sup>2</sup>
Working distance	:	50 mm ± 5 mm
Light emission	:	Continuous wave (CW)
Spot sizes (continuously adjustable)	:	7.0 – 11.0 mm
Timer	:	30 – 10 – 5 min
Electric power	:	100 – 240 V
Dimensions hard case (w,l,h)	:	37.0 cm x 46.0 cm x 14.0 cm
Weight (total)	:	7.5 kg

## What is Corneal Cross Linking?

Corneal collagen cross-linking (CXL) with riboflavin and ultraviolet-A (UVA) is a technique of corneal tissue strengthening by using riboflavin as a photosensitizer and UVA to increase the formation of intra- and interfibrillar covalent bonds by photosensitized oxidation.

## Indications

- Keratoconus
- Pellucid marginal degeneration.
- Iatrogenic keratectasia because of excessive photo ablation.
- Combination with other treatments e.g. ICRS, conductive keratoplasty
- Adjuvant to Infectious corneal ulcers treatment

## BIO-LINK

Bio - Link is designed with special focus on Safety, effectiveness & user friendliness. It also provides surgeon to choose between three energy levels thus to select ideal energy/time combination depending upon the severity of corneal ectasia To guarantee the high level of safety the beam of the BIO - LINK has a waistline at a distance of 45mm from the optics and a depth of focus of approximately +/- 5 mm. To protect the limbal stem cells and to focus the beam on the clear cornea the instrument has a continuously adjustable aperture from 7 mm to 11 mm.

