

Keratoconus Management

nanσ[®] XL
COLLAGEN CROSS-LINKING



Accelerated CXL

Precise. Consistent. Safe

CXL UVA Lamp Designed with Focus on Effectiveness, Safety & User-Friendliness
Intensity Range: 3.0mW to 45.0 mW
Encompasses all Developing Treatment Protocols, it's FUTURE READY!



Swivel Arm for Perfect Centering

Motorized Vertical Movement with Foot Pedal for Accurate Working Distance Focus

No Compulsion to Use Specific Consumables

The Most Sensible Cross Linking (CXL) Unit



Portable for Multi Centre Use,
Less than 5 Kg with Carrying Case

Table Mountable

Key Features

- Easy & Quick Installation
- COMPLETE PEACE OF MIND – Never Deliver > 5.4 Joules of Energy in Preset Modes
- User Defined Mode Allows Energy Delivery of up to 7.2 Joules
- Procedure Time Adjustable as Required
- Pause/Play Function for Intra Procedure Patient's Eye Alignment
- Best of Class Homogeneous Beam Profile for Even UVA Delivery Across the Treatment Area
- Adjustable Intensity from 3.0 mW to 45.0 mW / cm² at a working distance of 50 mm
- Encompasses all Established & Evolving Treatment Protocols :

- Dresden Protocol
- Accelerated Procedures
- Lasik Xtra / Lasik Plus
- Trans Epithelial / Epi-On Procedures

Five Presets

UV Intensity	Procedure Time	Energy Delivered
3.0 mW	30 mins	5.4 Joules
9.0 mW	10 mins	5.4 Joules
18.0 mW	5 mins	5.4 Joules
30.0 mW	3 mins	5.4 Joules
45.0 mW	2 mins	5.4 Joules (Optional)

Specifications

Wavelength Range	365 nm
Illumination Intensity	3.0 - 45.0 mW / cm ²
Working Distance	50 mm
Light Emission	Continuous Wave
Treatment Spot Size	6.0 mm - 9.0 mm
Operating Temperature	15 - 37°C (Ambient)
Power Source	AC 100V - 240V 0Hz - 60Hz, 0.15A

Dimensions

	H	x	W	x	D	Weight
Carrying Case	340	x	165	x	450	4300 g
Control Panel	133	x	189	x	58	430 g
LED Light Source	60	x	27	x	100	70 g

Motorized Stand Features

Minimum Working Height	< 30 inches
Maximum Working Height	> 44 inches
Horizontal Movement	250 mm
Angular Movement	180°

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