



# C-eye

DISCOVER THE FUTURE  
OF CROSS-LINKING

INNOVATIVE  
VERSATILE  
PORTABLE



#### **SLIT LAMP MOUNT**

For modern CXL: fits on most tower or compact style slit lamps

#### **TABLE MOUNT**

For classic CXL:  
table mount accessory available

#### **INTEGRATED PROTOCOLS**

Choose from a number  
of preset clinical protocols

#### **RANGE OF INTENSITIES**

Delivers 3, 9, 15, 18 and 30 mW/cm<sup>2</sup>

#### **PULSED & CONTINUOUS LIGHT**

For various keratoconus  
& infectious keratitis settings

#### **THICKNESS-ADJUSTED PROFILE**

Beam profile delivers more energy  
in the corneal periphery

#### **SUPERIOR BATTERY TECHNOLOGY**

Built to last for thousands of treatments



## CROSS-LINKING AT THE SLIT LAMP



**C-eye** device combines a number of exciting features with the unique possibility of using CXL and PACK-CXL technology at the slit lamp.

When not in use, the C-eye device is securely placed onto its cradle for USB-C charging.

The cradle also doubles as a UV meter, ensuring that the output of the UV-LED is calibrated and correct prior to treatment.



## C-eye TREATMENT PROTOCOLS

Many protocols for cross linking epi-on and epi-off treatment are available in the device, with continuous and pulsed UV irradiation. C-eye provides a differentiated UV irradiation profile, in order to compensate for the peripheral increase in corneal thickness.

### SUB400 PROTOCOL

The sub400 protocol for thin and ultrathin corneas is integrated in the C-eye device. This protocol provides individualized fluence to the cornea, delivering the right amount of energy that will stabilize the cornea, avoiding excessive UV exposure.

### REFRACTIVE PROTOCOL

A specific protocol is available for the treatment of patients who underwent LASIK, PRK or SMILE. It aims to improve the biomechanical strength in high-risk patients.

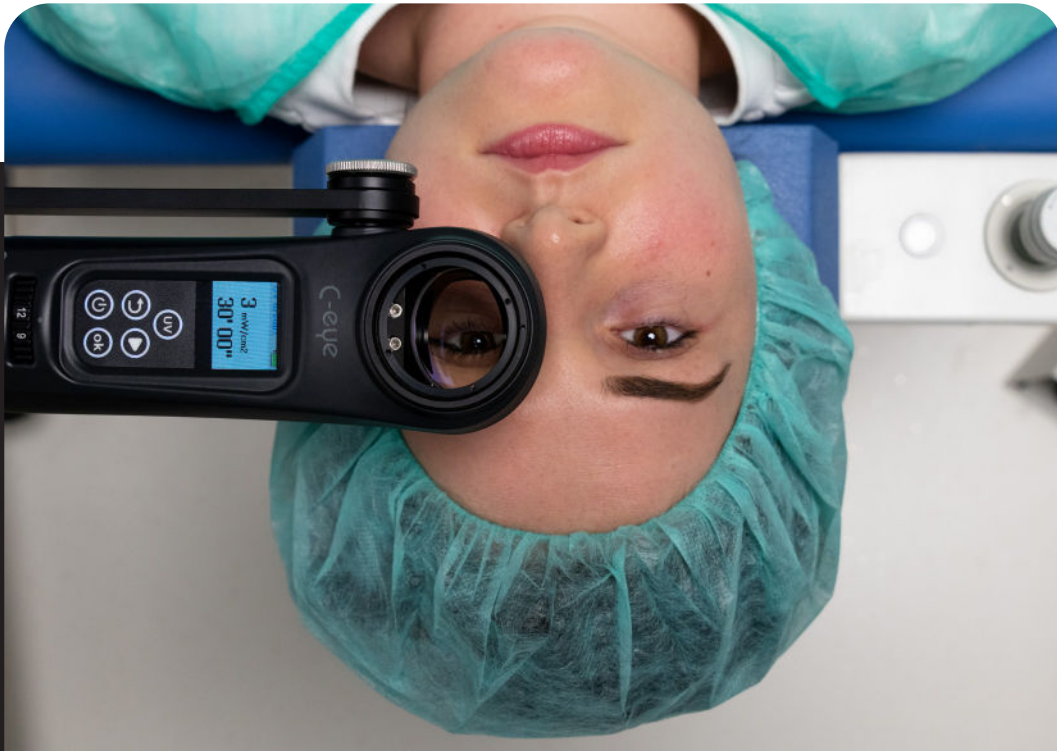
### TREATMENT AT THE SLIT LAMP

The C-eye device can be used in the "modern way" at the slit lamp using the provided adapters, or it can be used the "classic" way in the laying position by mounting it onto the (optional) C-mount.

### CXL & PACK-CXL TREATMENT

The C-eye is the most innovative device to perform corneal cross-linking procedures for ectasia (keratoconus, keratoglobus, PMD, postoperative ectasia), keratitis (PACK-CXL) and refractive (in combination with PRK, LASIK and SMILE) procedures.

Keratoconus		
3 mW/cm <sup>2</sup> 30'00" min/sec Continuous 5.4 J/cm <sup>2</sup>	9 mW/cm <sup>2</sup> 10'00" min/sec Continuous 5.4 J/cm <sup>2</sup>	18 mW/cm <sup>2</sup> 5'00" min/sec Continuous 5.4 J/cm <sup>2</sup>
9 mW/cm <sup>2</sup> 13'12" min/sec Continuous 7.2 J/cm <sup>2</sup>	15 mW/cm <sup>2</sup> 12'00" min/sec Pulsed 5.4 J/cm <sup>2</sup>	18 mW/cm <sup>2</sup> 12'58" min/sec Pulsed 7.0 J/cm <sup>2</sup>
30 mW/cm <sup>2</sup> 8'00" min/sec Pulsed 7.2 J/cm <sup>2</sup>	SUB 400 Set Corneal Thickness (µm)	
Keratitis		Refractive
30 mW/cm <sup>2</sup> 4'00" min/sec Continuous 7.2 J/cm <sup>2</sup>	30 mW/cm <sup>2</sup> 5'33" min/sec Continuous 10 J/cm <sup>2</sup>	30 mW/cm <sup>2</sup> 1'30" min/sec Continuous 2.7 J/cm <sup>2</sup>



## CROSS-LINKING IN THE LAYING POSITION





## C-eye PROCEDURE KIT

Ribo-Ker includes a disposable 1.5 ml vial of 0.14% hyposmolaric riboflavin, suitable for epi-on and epi-off treatments, including lontophoresis. Disposable speculum and protective cap for the safety of the patient.



Via degli Stagnacci 12/E  
50018 - Scandicci - FI - Italy  
tel +39 055 72219 | fax +39 055 7215557  
email. cso@csoitalia.it | web. www.csoitalia.it



TECHNICAL DATA	VALUE
<b>Main power</b>	Rechargeable batteries with power cable and 5V power supply when mounted on accessories.
<b>Aperture Diameter</b>	From 5 to 12 mm
<b>Light source</b>	UV-A 365nm
<b>Dimensions (Height x Length x Depth)</b>	182 x 55 x 62 mm
<b>Device weight</b>	450g
<b>C-SL1 accessory weight (adapter for slit lamp)</b>	110g
<b>C-SL2 accessory weight (adapter for slit lamp)</b>	170g
<b>C-ST accessory weight, stand (optional)</b>	1900g
<b>Weight of the mains power supply</b>	550g
<b>Weight of the USB power cable</b>	140g
<b>Working distance between device and patient</b>	36mm +/-5mm

## ACCESSORIES



C-case



C-base



C-focus



C-SL1  
Slit lamp  
adapter



C-SL2  
Slit lamp  
adapter



C-mount  
(optional)

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