

# c.stim<sup>®</sup>

**DRY EYE  
TREATMENT**



 **Quante  
medical**  
BY LUMBIRD MEDICAL

**I.P.L. System  
Intense Pulsed Light**

# c.stim<sup>®</sup>

## ELEGANT DESIGN FOR EASE OF USE



### INTERFACE

Large HD screen  
Easy to use  
Intuitive interface



### DESIGN

Compact  
Elegant  
Robust



### HANDPIECE

Ergonomic shape  
Tip adapted to the facial area  
Precise treatment  
Easy to clean



### TROLLEY

Ergonomic  
Multiple storage areas  
Mobile on castors

# Dry eye treatment

## STATE-OF-THE-ART TECHNOLOGY WITH CLINICAL BENEFITS

### Safe and effective treatment with Stim-ULI™ technology

Our C.Stim® revolutionary IPL relying on our unique Stim-ULI™ (Uniform Light Intensity) technique offers the best combination of clinical efficacy and patient comfort.

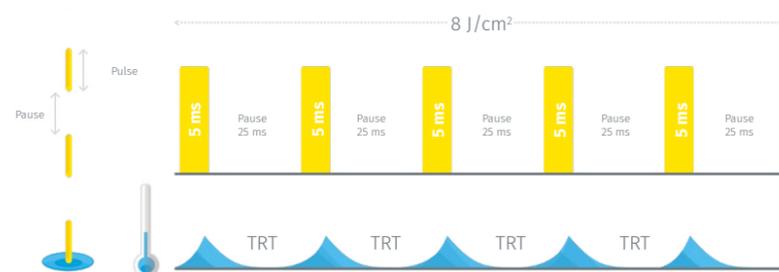


### Single handpiece with integrated water-based cooling system:

- Improved patient comfort
- Applies a thin layer of gel during treatment
- Delivers the same energy level from first to last shot
- Optimal preservation of flash lamp life: 30,000 shots/3,750 sessions

### Regulated pulse train for safety and effectiveness

- Respects the skin's thermal relaxation time (TRT)
- No thermal damage to the skin
- No inflammatory reaction
- Controlled energy accumulation for better results



### Safe and effective treatment for phototypes 1 to 5

- Light spectrum of 610 nm to 1,200 nm is less absorbed by melanin
- Energy controlled by pulse train, limiting increase in tissue temperature
- Stim-ULI™ technology for a perfectly homogeneous energy distribution

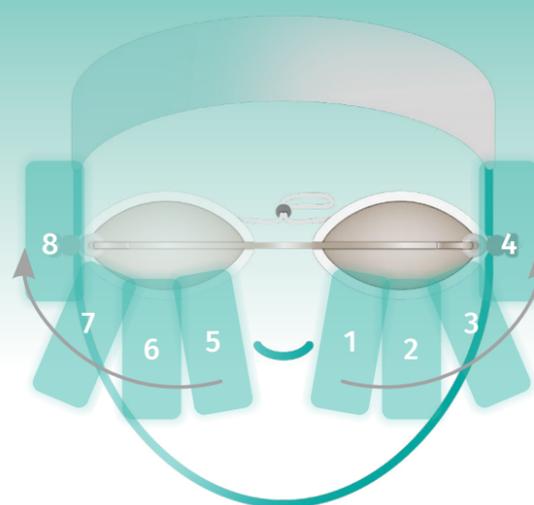


## TREATMENT: A FAST, SIMPLE PROTOCOL

- 1 **SESSION** in less than 10 minutes
- 2 **WEEKS** between sessions
- 3 **SESSIONS** for complete treatment
- 4 **SHOTS** per side

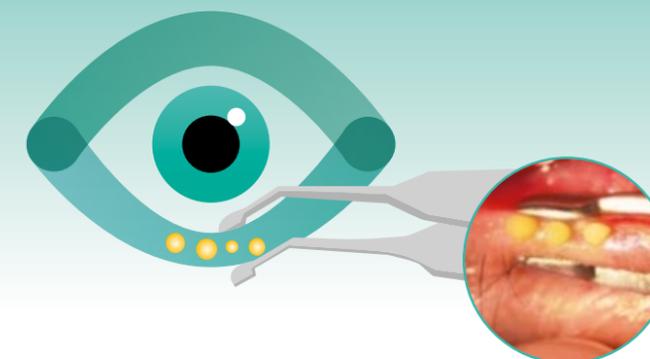


### DURING TREATMENT



4 SHOTS ON THE LOWER PERI-ORBITAL AREA

### AFTER TREATMENT



FOR OPTIMAL RESULTS: MANUAL MEIBUM EXPRESSION, MADE EASIER BY THE HEAT FROM C.Stim I.P.L.

## ADDED VALUE FOR CLINICAL PRACTICE

### PRACTITIONER

- Multi-action treatment offer
- Fast, simple treatment
- Combination treatments for long-term results
- Optimisation of post-surgical outcome when used before surgery (refractive, cataract)
- Improved patient compliance with topical glaucoma treatment
- Contact lenses can be worn for longer
- No consumables

### PATIENT

- Safe, effective, long-lasting treatment
- Better quality of life
- Comfortable treatment
- No disruption to social life
- Reduction in symptoms from the first session
- Neuropathic pain relief
- Improved contact lens comfort
- Patient satisfaction after refractive and cataract surgery
- Improved tolerance of topical glaucoma treatments

# Dry eye treatment

TREAT  
THE ROOT  
CAUSES:



MULTIPLE MECHANISMS  
OF ACTION WITH C.Stim  
I.P.L. THERAPY:

1

M.G.D.  
Meibomian Gland Dysfunction



**SPEED UP MEIBOMIAN GLAND AND LACRIMAL GLAND METABOLISM** by stimulating the parasympathetic nervous system [1,2,3,4,5,6]

2

INFLAMMATION



**LIQUEFY MEIBUM FOR MEIBOMIAN GLAND EXPRESSION** using the heat generated by I.P.L. [7]

3

DEMODEX



**STOP THE VICIOUS CYCLE OF CHRONIC INFLAMMATION** by coagulating new blood vessels and reducing inflammatory agents [8,9,10,11]

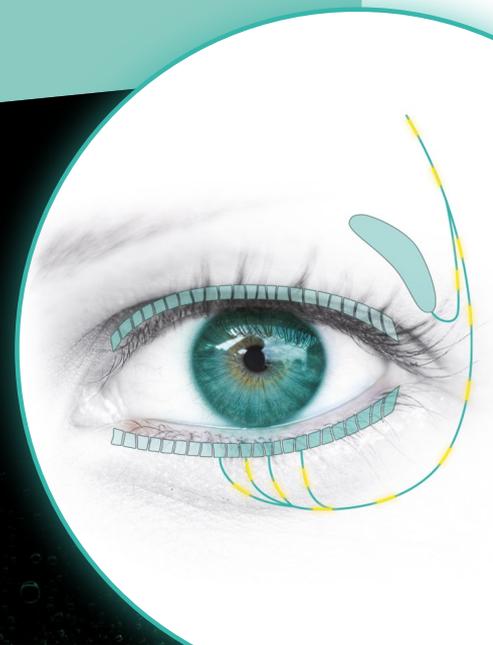


**DECREASE DEMODEX** through coagulation and necrosis of the pigmented exoskeleton [9,12,13]

+

**MULTIPLE  
CLINICAL  
RESULTS:**

- Improved tear film quality [14,15,21]
- Better meibum quality and expression [16,17]
- Reduction in patient symptoms [17]
- Neuropathic pain relief [18]
- Reduced inflammatory markers (cytokines) in tears [19,20]





## TECHNICAL SPECIFICATIONS

### GENERAL INFORMATION

Technology	I.P.L. (Intense Pulsed Light)
Wavelength	610 – 1,200 nm
Fluence	1 to 14 J/cm <sup>2</sup>
Spot size	18 x 45 mm
Stim-ULI™ technology	<b>Uniform Light Intensity</b> Unique technology for a perfectly homogeneous energy distribution (FR patent pending)
Dimensions	540 (H) x 320 (W) x 380 (D) mm
Weight	25 kg
Filter	610 nm, anti-UVA, UVB and UVC filter
Cooling system	Water
Flash lamp	Xenon lamp
Power supply	110/230 VAC, 50/60 Hz
Operating temperature	15 – 35 °C
Treatment duration	3 to 4 sessions
Accessories	Operator protective glasses, patient protective goggles
Marking	CE medical, class IIb

Specifications are subject to change without notice. Non contractual pictures.  
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Patient information:  
[www.mydryeyedisease.com](http://www.mydryeyedisease.com)



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