

c.stim™

**DRY EYE
TREATMENT**



 **Quante
medical**
BY LUMIBIRD MEDICAL

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

e.stim™

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.

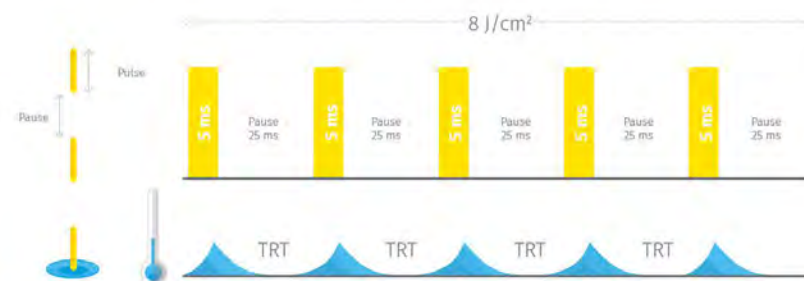


Single handpiece with integrated water-based cooling system:

- 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

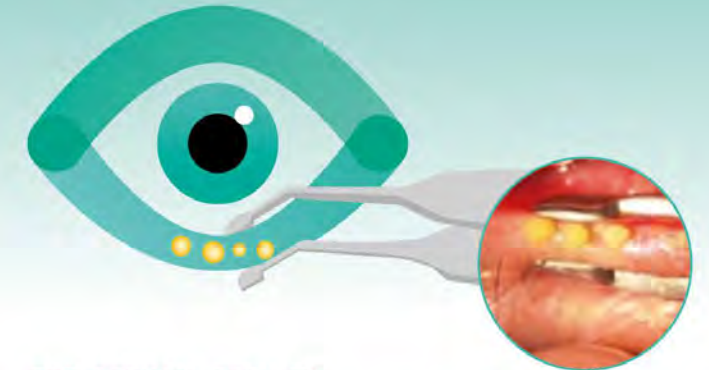


DURING TREATMENT



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

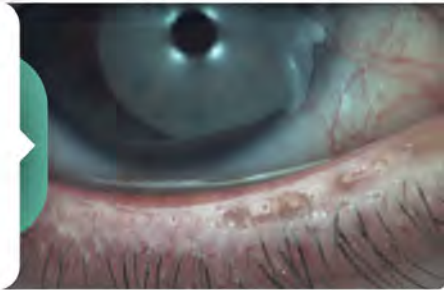
INFLAMMATION



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]

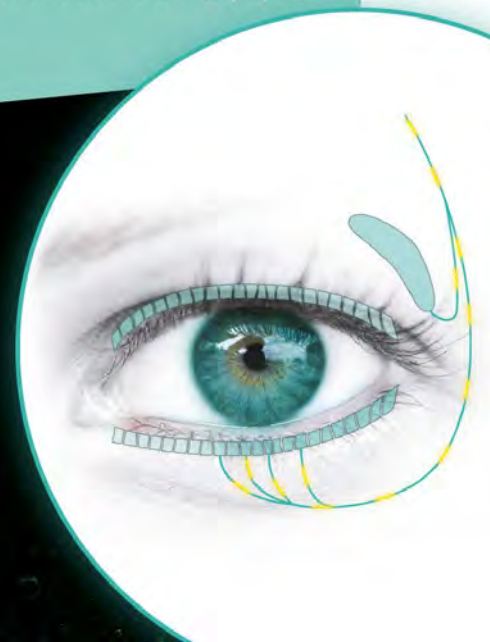


DECREASE DEMODEX through coagulation and necrosis of the pigmented exoskeleton [9,12,13]

+

**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 ²
Spot size	18 x 45 mm
Stim-ULI™ technology	Uniform Light Intensity 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

*The company reserves the right to modify the technical specifications without prior warning.
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Patient information:
www.mydryeyedisease.com

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