EXSYS 308

EPL® EXCIMER PULSED LIGHT FOR PSORIASIS AND VITILIGO

SAFE. POWERFUL. PORTABLE.
TECHNOLOGY “MADE IN GERMANY”

SMART. SMALL. STRONG.
OFFERING A NUMBER OF UNIQUE FEATURES

1. SMART SOFTWARE
   - Intuitive touch screen — similar to a smart phone:
   - You can focus on clinical aspects (e.g. skin type and MED) and the unit proposes the right dose.

2. OPTIMIZED TREATMENT STRATEGIES FOR VITILIGO AND PSORIASIS
   - Suggested treatment dose is based on official guidelines and the knowledge of leading experts.

3. AUTOMATED MED TEST
   - The measurement of the Minimal Erythema Dose (MED) of the patient is simple, fast and reliable.

4. POWERFUL
   - Power density at least 50 mW/cm²
   - Typical treatment time:
     1-3 sec for a vitiligo lesion
     2-7 sec for a psoriasis lesion

5. SMALL COMPACT DESIGN
   - 30 cm x 30 cm x 25 cm
   - Fully transportable

6. LARGE TREATMENT AREA
   - 50 mm x 35 mm
   - Adjustable to size of the lesions by selecting between various treatment tips.

7. OPTIONAL TIP FOR INTRA-ORAL TREATMENTS
AS EFFECTIVE AS EXCIMER LASERS

The EPL® Excimer Pulsed Light technology has been optimized by GME. It has the same emission spectrum as excimer laser: monochromatic UVB light with a wavelength of 308 nm.

Therefore, it is not surprising that many clinical trials have shown that pulsed excimer light is as effective as excimer lasers — at a fraction of the costs.

MONOCHROMATIC, POWERFUL AND TARGETED — IN CONTRAST TO CONVENTIONAL UVB LAMPS

ExSys 308 offers three distinct advantages compared to conventional UVB treatment:

- Exposure of affected areas only → minimizing side effects
- High power density → shortened duration of treatment
- Delivery of high (super-erythemogenic) doses of energy → enhancing efficacy and achieving faster response
INDICATIONS

The effectiveness of monochromatic excimer light was published in many peer-reviewed publications.

**PSORIASIS**
Comparison of the 308-nm excimer laser and a 308-nm excimer lamp with 311-nm narrowband ultraviolet B in the treatment of psoriasis;

**VITILIGO**
Comparison between 308-nm monochromatic excimer light and narrowband UVB phototherapy (311-313 nm) in the treatment of vitiligo — a multicentre controlled study;

**ATOPIC DERMATITIS**
Efficacy of monochromatic excimer light (308 nm) in the treatment of atopic dermatitis in adults and children;

**ALOPECIA AREATA**
Evaluation of a novel 308-nm monochromatic excimer light delivery system in dermatology: a pilot study in different chronic localized dermatoses;
# TECHNICAL INFORMATION

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>Light source</th>
<th>EPL™ Excimer Pulsed Light</th>
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<tbody>
<tr>
<td>Wavelength</td>
<td>308 nm</td>
</tr>
<tr>
<td>Max. dose</td>
<td>2,000 mJ/cm²</td>
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<tr>
<td>Power density</td>
<td>at least 50 mW/cm²</td>
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<tr>
<td>Max. treatment area</td>
<td>17.5 cm² (50 mm * 35 mm)</td>
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<tr>
<td>Pulse duration</td>
<td>1 sec - 40 sec</td>
</tr>
<tr>
<td>Dimensions (h x l x d)</td>
<td>25 cm x 30 cm x 30 cm</td>
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<tr>
<td>Weight</td>
<td>12 kg</td>
</tr>
<tr>
<td>Indications</td>
<td>Vitiligo</td>
</tr>
<tr>
<td></td>
<td>Psoriasis</td>
</tr>
<tr>
<td></td>
<td>Alopecia Areata*</td>
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<tr>
<td></td>
<td>Atopic Dermatitis*</td>
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<tr>
<td></td>
<td>Mycosis Fungoides*</td>
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<td>Lichen Planus*</td>
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* Not approved in the US.

PORTABLE. PROFITABLE. DURABLE.

Very low running costs
No consumables or disposables
Long life-time of light source
No restriction on treatment volume during warranty period

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