**Organisation**

Our researches, our innovations, our knowledge

**Design, manufacture, distribution, sale, customer service of medical devices**

**The company**

Set up in 2000, DERMEO became the only French IPL manufacturer offering medical devices combining the best technological features with the best results. At the top of an evolutionary innovation, DERMEO has a technological and clinical expertise.

We are involved in the design, manufacture, distribution, sales and after sales services of medical devices.

**French product**

The high quality of production tool DERMEO complies with the requirements of a French manufacture protocol and enables total transparency and traceability from the designer to the patient. DERMEO chooses the best components that are made in France or Europe.

The manufacturing steps are validated by us and by inspectors who check the conformity of the devices on the manufacturing line compared to the files.

**Evolutionary technology**

DERMEO is in a constant development using the best resources in electronics, energy conversion, computer, optics, mechanical and composite materials, leading to several patents.

**Quality**

DERMEO provides you the knowledge of an expert certified ISO 9001 and ISO 13485. Compliance with these international and medical organizational standards is a guarantee of quality for its customers and suppliers. DERMEO has a medical devices vigilance system certified by the ANVAM.

**Medical research**

The clinical research investments are made in partnership with groups of specialist doctors to assess the performance, security and innocuity of the devices that are on the market.

**OPTICAL BLOCKS REPLACEMENT**

A filter is composed of several layers laid on a light guide made in quartz.

The reflective filters allow multiband selective filtrations and therefore wavelengths exactly adapted to the absorption on the targeted chromophores areas of absorption.

The dual band filter opening from 600 - 670 nm to 870 - 1200 nm spectral range targets the absorption peaks of the targeted chromophores.

Reflective Filters
- Allow only the desired wavelengths and reflect the others.
- The non sampled energy of the ray of light is reflected back to the lamp and dissipated in the water cooling system.

Results: No heating at the quartz and at the skin level.

**EASYLAMP® CARTRIDGE LAMP replacement**

**Worldwide innovation**

DERMEO has developed the first water-cooled LAMP-CARTRIDGE directly interchangeable by users. When the lamp has to be changed, there is no need to send it back to the workshop or to contact a technician. In a few seconds, the replacement of the lamp is easy and safe.

The replacement of the LAMP-CARTRIDGE accompanies simultaneously and without overcost the complete replacement of the cartridge containing the lamp, the optical cavity, reflectors, anti-UV filter and embedded electronics.

In only 10 seconds, the operator can change the water-cooled LAMP-CARTRIDGE.

**Results**

In 10 seconds, the operator can change the water-cooled LAMP-CARTRIDGE.

**In 5 seconds, the user can change the indication mode.**

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Results: No heating at the quartz and at the skin level.

**Patent pending technology**

With interchangeable optical units, 10 seconds only are sufficient to change the water-cooled LAMP CARTRIDGE and 5 seconds are enough for the user to change the indication mode.

**TECHNOLOGIE**

Simpler, faster, more functional
A recognized quality, a verified safety

MEDIFLASH 3 medical devices are approved by ANSM (French Ministry of Health). MEDIFLASH 3 and ESTHEFLASH 3 are approved by many health Ministries around the world and in particular by the FDA (Food and Drug Administration) for the United States of America and the Ministry of Health for Canada.

DERMEO medical devices are compliant with North American self extinguishing standards.

A guarantee of quality and safety

The following organization’s quality management system has been assessed and registered by Intertek a CMDCAS recognized registrar for ISO 13485:2003 as conforming to the requirements of:

Certificate Number: MED-0065
Initial Certification Date: October 8, 2009
Certificate Effective Date: October 8, 2012
Organization: DERMEO

We hereby declare that an examination of the under mentioned full quality assurance system has been carried out following the Directive 93/42/EEC for Medical Devices, Annex II (3) as conforming to the requirements of the aforementioned directive, and the result entitles the organization to use the CE 0473 marking on those products listed below.

The Quality Management System is applicable to:

Design, manufacturing, inspection and testing of Pulsed Light Devices for dermatological applications.

In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon agreement, for any loss, liability or damage, whether direct or indirect, that may result from any complaint or action, legal or otherwise, brought against the undersigned.

The certification is subject to this certificate, allowing regular assessments and re-assessments.

International medical homologations

The medical device can work for hours without overheating of the lamp or crystal. This is due to the continual cooling of the lamp and filter and the absorption of the infrared rays by the water.

A balance of pulses per minute allows you to get the same density of energy from the first until the last pulse by widening duration of each pulse. This balance of train of pulse allows you to treat difficult skin problems.

A colored TFT

With its 6 touch colored screen, 3rd generation of medical devices DERMEO allows users an easy and clear work.

A capacitive keyboard

From touch technology, capacitive keyboard is insensitive to mechanical wear and protects the screen against all forms of degradation associated with use.

A user profile manager

The system can manage up to 5 different users. The administrator can control in detail the entitlements of users, access to certain applications that may be prohibited or restricted.

The new generation of medical devices DERMEO combines the latest technological innovations to a consistently better performance.

International medical approvals

Before the commercialisation of its devices, DERMEO was subjected to regulatory investigation from ANSM under the law of Health watch and the Code of Public Health. DERMEO has succeeded the inspection and audit of Medical CE as well as electromagnetic compatibility testing and electrical compliance. DERMEO Medical devices have the free sale certificate delivered by ANSM to ESTHEFLASH 3 and MEDIFLASH 3 are approved by the Health Ministries of several countries, including the United States of America and Canada.

International medical homologations

- ANSM (French Ministry of Health)
- FDA (Food and Drug Administration)
- Health Canada
- AMTAC

DERMEO provides you the expertise of an expert certified ISO 9001 and ISO 13485. This system is a guarantee of quality for customers and suppliers. DERMEO has a cell material vigilance registered at the ANSM (French Ministry of Health).
MEDIFLASH 3

Indications: Hair removal* and Skin Rejuvenation*, acne, pigmented and vascular lesions

MEDIFLASH 3, from 8 to 40 J/cm² depending on the filtration and the size of the quartz
- 1 trolley + 2 quartz (your choice)
- LAMP-CARTRIDGE® (lamp life: 30 000 flashes maximum)
- accessories + marketing package
- 2 years warranty full labour and parts

ESTHEFLASH 3

Indications: Hair removal* and Skin Rejuvenation*

ESTHEFLASH 3, from 8 to 20 J/cm² depending on the filtration and the size of the quartz
- 1 trolley + 2 quartz (as you wish)
- LAMP-CARTRIDGE® (lamp life: 60 000 flashes maximum)
- accessories + marketing package
- 2 years warranty full labour and parts

Vascular lesions treatment

The pulsed light is absorbed by oxyhaemoglobin, target of the vascular lesion treatments. The light is transformed into heat and photocoagulates to destroy the target vessels by heating the vessel wall. It does this without damaging the surrounding tissue. After treatment, the target vessel is eliminated by the body, without trace.

Closed results on rosacea, telangiectasia, acne rosacea and injuries.

Care duration: 1 to 3 sessions are required at intervals of 1 to 2 weeks.

Hair removal

Pulsed light is absorbed by melanin (a coloured pigment) present in hair during the growth stage (anagen phase), and is then conducted down to the root of the hair. This light is then conducted into heat and it is the heat that destroys the follicle and the root with no side effects. This is the selective photothermolysis or "photodepilation".

Excellent results. 80% of hair removal after the first session.

Care duration: 8 to 12 sessions are required at an interval of approximately six weeks.

Hair removal on the skin. The action of pulsed light on acne is based on the heating of the porphyrin produced by the bacteria Propionibacterium acne on the skin. The result is the destruction of the bacteria and the resulting acne skin. This treatment of acne scars and inflammatory acne by pulsed light can be preceded or accompanied by a non photosensitising antibiotic and/or hormone therapy (jellyfishestradiol or cyproterone)

Acne treatment

The action of pulsed light on acne is based on the heating of the porphyrin produced by the bacteria Propionibacterium acne on the skin. The result is the destruction of the bacteria and the resulting acne skin. This treatment of acne scars and inflammatory acne by pulsed light can be preceded or accompanied by a non photosensitising antibiotic and/or hormone therapy (jellyfishestradiol or cyproterone)

Care duration: depending on severity. 1-2 weeks interval between two sessions.

HR: 400 - 1200 nm

Cheek - Before

Care duration: 1 to 3 sessions are necessary at intervals of 1 to 2 weeks.

PL: 550 – 1200 nm

Cheek - Before

Care duration: 1 to 3 sessions are necessary at intervals of 1 to 2 weeks.

SR*: 535 – 1200 nm

The products and treatments proposed in this brochure may be subject to specific regulations. Non contractual illustrations and information. Ask your distributor for the specific conditions of use (wear out) of such equipment with the correct authorities and their distributor.

Results approved over all indications

Hair removal

Good results on rosacea, telangictasies, acne rosacea and injuries.

Pigmented lesions treatment

* In the United States of America the authorized claims by the FDA for our device are: removal of unwanted hair from phototype skin I to V, treatment of benign cutaneous vascular lesions from phototype skin I to III, treatment of inflammatory acne from phototype skin I to III.

The follow up of the cares demonstrates a high level of safety and efficiency.
**WorkShop**

**Marketing, sale, legal**

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**Promotion of the technology**

DERMEO brand is known all around the world and is recognized by its commitments on the quality of its equipment and care. In France, DERMEO connects you with customer interest by our care.

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**Media exposure**

DERMEO products and care receive a strong national and International exposure.

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**Sales arguments**

DERMEO provides to its users a guide to selling points as a list containing the most common questions asked by patients who are interested in treatments with answers.

The user is thus immediately trained to sell our care.

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**Technical specifications:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spectrum covered</strong></td>
<td>420 to 1200 nm</td>
</tr>
<tr>
<td><strong>Fluence in joules/cm² at quartz level</strong></td>
<td>up to 40 J/cm²</td>
</tr>
<tr>
<td><strong>Repetition frequency</strong></td>
<td>1 to 0.3 Hz</td>
</tr>
<tr>
<td><strong>Emission mode</strong></td>
<td>Multi pulsed</td>
</tr>
<tr>
<td><strong>Control panel</strong></td>
<td>Hand controlled</td>
</tr>
<tr>
<td><strong>Hand piece cooling method</strong></td>
<td>Progressive system air</td>
</tr>
<tr>
<td><strong>Network voltage</strong></td>
<td>120 VAC 103 to 127 VAC, 230 VAC 208 to 253 VAC</td>
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<tr>
<td><strong>Electrical protection</strong></td>
<td>Type B, B1</td>
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<td><strong>Hand piece</strong></td>
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**Clinical and legal**

To provide better information to patients and better protection to practitioners, models of quote / informed consent / medical history forms are available for the users.

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**Training**

The training session of devices is supported by 2 volumes of training manual, one with a theoretical and technical part and the other with business and practical part.

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**Your retailer**

© DERMEO - All rights and information not contract. The products and treatments always differ in their features, the users must always check with their doctor. Refer to the original document in French. The retailer undertakes to inform the user on the regulatory applicable in the country of use without the specific condition of use of the equipment. Information given in this guide supplement the original document in French and does not replace it. The retailer undertakes to inform the user of the regulations applicable in the country of use.

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<table>
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<tbody>
<tr>
<td><a href="http://www.dermeo.com">www.dermeo.com</a></td>
</tr>
<tr>
<td><a href="mailto:info@dermeo.com">info@dermeo.com</a></td>
</tr>
<tr>
<td>Tel + 33 (0) 1 72 98 98 72</td>
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