

A close-up, high-resolution photograph of a woman's face, focusing primarily on her right eye. The eye is a striking light green or hazel color, with long, dark, and well-defined eyelashes. Her eyebrows are dark and neatly groomed. The skin around the eye is smooth and has a natural, warm tone. The background is a soft, out-of-focus light blue. Overlaid on the right side of the face is the text 'See better', 'Look better', and 'Feel better' in a clean, white, sans-serif font. The words 'See', 'Look', and 'Feel' are in a larger, bolder font weight than the words 'better'.

See better
Look better
Feel better

thermaeye[®]
PLUS

Expanding your Practice



Thermaeye Plus: The comprehensive solution for modern ophthalmology clinics. Designed to provide a complete and efficient experience, Thermaeye Plus combines advanced technology with ergonomic design, offering eye care professionals a powerful tool to enhance patient care and optimize clinical outcomes.

Light, Versatile and User-Friendly



thermaeye[®]
PLUS

Advanced IPL Technology

THERMAEYE PLUS is an advanced medical device specifically designed for the treatment of Meibomian Gland Dysfunction (MGD). With its **9 interchangeable filters** and customizable settings, it is also the ideal solution for a **wide range of treatments**, including vascular lesions, pigmented lesions, wrinkles, and photo rejuvenation. Its ability to adapt to all skin types ensures **optimal results for each patient**, enhancing both the effectiveness and comfort during procedures.



“**Thermaeye Plus** features interchangeable filters, allowing doctors to quickly select the **optimal wavelength for each patient's condition**. The combination of different wavelengths and pulsed technology ensures enhanced melanin absorption, making it effective even for all skin types.”



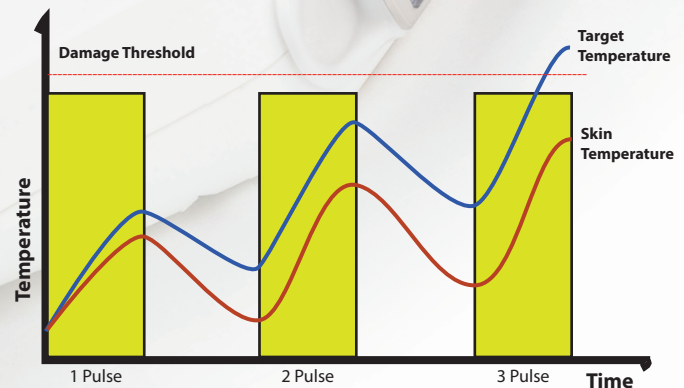
Thermaeye Plus can be equipped with new **smaller filters** that are perfectly suited for **more precise treatments**, such as targeting sunspots, telangiectasias, and **eyelid treatments**.

Fractionated Pulse Security Guarantee

Thermaeye Plus offers the ability to divide its pulse into up to three fractions. These **fractionated pulses** allow for the use of higher fluences while safeguarding the skin. Doctors can **customize** the duration, energy, and interval of each pulse, ensuring optimal protection against thermal damage.

Reduced Risk of Thermal Damage

The advanced **integrated skin cooling system** in the Thermaeye Plus handpiece prevents excessive temperature increases in the epidermis. This reduces the risk of unwanted side effects, **making the treatment safer** and more **comfortable for patients**.



60.000 Shots

Xenon Lamp for over **2.000 complete MGD treatments**. Easily to replaceable and requires no consumables.

Power Meter

Daily calibration ensures the selected parameters are accurate to avoid ineffective and dangerous treatments.



A complete IPL System, including all accessories and a carrying case for transport.

Bibliography

IPL reduces the vascularization of the Meibomian Glands in Dry Eye, recovering the hypoxic conditions necessary for their normal functioning.

“The more inflammation, the more vascularization around the meibomian glands and the greater supply of oxygen, which induces atrophy and disappearance of the holocrine cells that secrete lipids to make up the tear film and drop out of the Meibomian glands.”

Investigative Ophthalmology & Visual Science March 2020, Vol.61, 1.

The Role of Hypoxia-Inducible Factor 1 α in the Regulation of Human Meibomian Gland Epithelial Cells

Yang Liu¹, Jingyi Wang¹², Di Chen¹², Wendy R. Kam¹ and David A. Sullivan¹

Ocul Surf. 2019 Apr;17(2):310-317. doi: 10.1016/j.jtos.2018.12.001. pub 2018 Dec 4.

Hypoxia: A breath of fresh air for the meibomian gland

Yang Liu¹, Di Chen², Xiaomin Chen³, Wendy R. Kam⁴, Mark P Hatton⁵, David A. Sullivan¹

J Optim. 2021 Apr-Jun; 14(2): 103–113. Published online 2020 Oct 26. doi: 10.1016/j.optom.2020.08.009

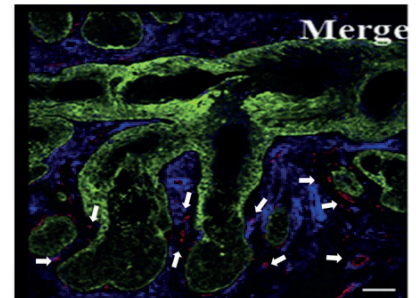
Prospective evaluation of a new intense pulsed light, thermaeye plus, in the treatment of dry eye disease due to meibomian gland dysfunction.

Carlos Vergés¹, José Salgado-Borges¹², Francesc March de Ribot¹³

Arch Soc Esp Oftalmol (Engl Ed). 2020 May;95(5):226-230. doi: 10.1016/j.oftal.2020.02.007. Epub 2020 Mar 18.

Intense pulsed light: results in chronic dry eye syndrome after LASIK

G Fuentes Páez¹, J R Soler Tomás², S Burillo²



Technical data

Source	Xe Lamp	Spot Size	48 mm x 13 mm (6.2 cm ²)
Spectrum of Emission	400 to 1200 nm	Fluence	Up to 25 J/cm ²
Pulse Width	From 3 to 12 ms	Integrated Skin Cooling	Contact Peltier system
Delay Between Pulses	From 5 to 50 ms	Emission Control	Footswitch and/or Fingerswitch
Number of Pulses	From 1 to 3	Electrical Requirements	230Vac / 1 0A (máx) 50-60 Hz
Repetition Rate	2 s (min.)	Dimensions & Weight	22 cm (H), 45 cm (D), 37 cm (W), 16 Kg

Distributed by:



thermaeye[®] PLUS is manufactured by DEKA M.E.L.A. exclusively for MDS

DANGER
INTENSE PULSED LIGHT DEVICE USE
PROPER EYE GLASSES WHEN
OPERATING AND/OR TREATING

RISK GROUP 3
WARNING
The light emitted may result
in eye injury.
Do not look at the light source

Emitted wavelength range:
500-1200nm
pulse duration: from 3ms to 8ms
Maximum optical radiation: 25J/cm²

IEC 60601-2-57:2011



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This Brochure is not intended for the market of USA

