

308 EXCIMER SYSTEM

The Handy, Highly Effective Solution
for Monochromatic UVB Therapy



NEW

- > CLINICALLY PROVEN EFFECTIVENESS
FOR PSORIASIS AND VITILIGO
- > **SMALL, MOBILE** AND EASY TO USE
- > **COST-EFFECTIVE** EXCIMER TECHNOLOGY

PROVEN CLINICAL EXCELLENCE

As Effective as Traditional Excimer Lasers

Narrow-band UVB light, with its better clinical results, has established itself over broad-band applications. The high dose monochromatic UVB phototherapy system can target the lesions only – leaving healthy skin unexposed – a precise and powerful treatment solution.

The 308 excimer system emits light with the same wavelength as a laser and achieves identical results. The handy 308 excimer system achieves this without expensive, bulky laser technology.¹

Preferred for Vitiligo

Narrow-band UVB light is described in medical literature as the most effective approach for the treatment of Vitiligo with the fewest side effects.³

If necessary, the treatment can be combined with other approaches⁴. The 308 excimer hand system gets results in Vitiligo treatments that match those of a laser.



Photographs: Courtesy of Prof. Dr. Ulrich Amon, Germany

Established for Psoriasis

Due to the very good clinical results, the treatment of Psoriasis with an excimer laser system has become more important in recent years. The results with the 308 excimer hand system are identical to those of a laser. The targeting of localized plaques allows high dose treatments with fast visible results and high patient satisfaction.²



Photographs: Courtesy of Prof. Dr. Ulrich Amon, Germany

More Treatment Possibilities*

Other indications that generally respond well to narrow-band UVB phototherapy are hypo-pigmentation after CO₂ laser treatments, alopecia areata⁵, mycosis fungoides⁵ and various atopic eczema⁷.

*Not FDA approved. Intended use may differ from this brochure.

Discover the 308
Excimer System at:
www.308excimer.com



The smallest and only handheld system that uses monochromatic 308 nm excimer technology



YOUR ADVANTAGES AT A GLANCE

Highly Effective

- > High dose, monochromatic 308 nm light, on a par with excimer laser systems
- > Optimum therapeutic ratio
- > Lesion targeting for safe treatments and fast results
- > Up to 16 cm² spot size for short treatment times of larger areas

Reasonable Price

- > Low acquisition and operating costs
- > Maintenance-free technology
- > No consumables
- > Mobile and space saving (smallest available handheld excimer system on the market)

High Patient Satisfaction

- > Completely pain-free treatments
- > No downtime
- > Fast visible results
- > Maximum protection of healthy skin

Easy Handling

- > Automated MED (Minimum Erythema Dose) test: convenient and time saving
- > Simple and intuitive setting of all parameters
- > Easy-to-use color touch screen

Smart Design

- > Compact carrying case for high mobility
- > Modern look
- > Small, well-designed housing

Users about the 308 Excimer System

"In the last years I used the excimer laser for Vitiligo and Psoriasis with good clinical results. Now I use the new handheld 308 excimer system **because it is much more convenient and gives me the same clinical results.**"

Moshe Lapidot M.D., M.P.H.
Dermatologist, Head of the Laser Unit
Dermatology Dep., Rabin Medical Center, Israel
Secretary of the European Society of Laser in Dermatology (ESLD)

"After treating several patients with the 308 excimer system, **I can see that it is really powerful.** The results are in some cases even better compared to my excimer laser."

Dr. (Univ. Istanbul) Raul Yaguboglu
DermAllegra, Germany

"Since 2001 we have performed more than 10.000 treatments with our excimer laser. (...) In relation to the number of treatments, we are getting clinical results **just as fast** with the Quantel Derma 308 system **as with an excimer laser.**"

Prof. Dr. Ulrich Amon
Psoriasis Clinic, Germany

Excimer Laser vs. 308 Excimer System

Lasers	Excimer Laser	Excimer System 308
Wavelength	308 nm	308 nm
Clinical results	identical	identical
Acquisition costs	high	low
Operating costs	high (gas etc.)	very low
Weight	> 100 kg	mobile handheld system
Space requirements	high	minimal
Mobility	low	very high

COMPLETE STANDARD PACKAGE

308 Excimer System incl.

- > 1 metal mask MED (Minimum Erythema Dose)
- > 2 pairs of protective goggles
- > 1 plexiglass holder
- > 1 silicon mask
- > 1 set of plexiglass masks
Ø 30 mm / 20 x 20 mm / 15 x 15 mm
- > 1 carrying case



Technical Specifications 308

Wavelength	308 nm
Spot size	40 x 40 mm
Medium output density	50 mW/cm ²
Power density	50–6000 mJ/cm ²

Power requirements	100–240 V, 0.8 A, 50/60 Hz
Dimensions (L x W x H)	26 x 24 x 27 cm
Compliance	EC Medical Device Directive (MDD) 93/42/EEC (CE mark), FDA / US 510 k*

Technical specifications are subject to change without notice. *Intended use may differ from this brochure.

¹ Amon U, Yaguboglu R, Schmidt U, Lederer S, Seßler K, Bröhl L, Gruber M. Comparative clinical experiences in the treatment of chronic skin diseases using either a 308 nm excimer-laser or a new monochromatic 308 nm excimer system. *Kosmetische Medizin* 5/2008, pp 262-266.

² Köllner K, Wimmershoff MB, Hintz C, Landthaler M, Hohenleutner U. Comparison of the 308 nm excimer laser and a 308 nm excimer lamp with 311 nm narrowband ultraviolet B in the treatment of psoriasis. *British Journal of Dermatology* 2005 152, pp 750-754.

³ Forschner T, Buchholtz S, Stockfleth E. Current state of vitiligo therapy—evidence-based analysis of the literature. *J Dtsch Dermatol Ges.* 2007 Jun;5(6), pp 467-75.

⁴ Passeron T, Ostovari N, Zakaria W, Fontas E, Larrouy JC, Lacour JP, Ortonne JP. Topical Tacrolimus and the 308-nm Excimer Laser – A Synergistic Combination for the Treatment of Vitiligo. *Arch Dermatol/Vol* 140, Sep 2004, pp. 1065-1069.

⁵ Zakaria W, Passeron T, Ostovari N, Lacour JP, Ortonne JP. 308-nm excimer laser therapy in alopecia areata. Department of Dermatology, Hôpital de l'Archet, Nice, France. *J Am Acad Dermatol* Volume 51, Number 5, November 2004, pp 837-838.

⁶ Passeron T, Zakaria W, Ostovari N, Perrin C, Larrouy JC, Lacour JP, Ortonne JP. Efficacy of the 308-nm Excimer Laser in the Treatment of Mycosis Fungoides. *Arch Dermatol/Vol* 140, Oct 2004, pp 1291-1293.

⁷ Kardorff B, Hönig-d'Orville I, Wahlen M, Doritke P. Treatment of the Prurigo Form of Atopic Eczema/Dermatitis in Adults with the 308nm Excimer Laser. *Kosmetische Medizin* 1/2003.

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