Alma Lasers
Wellbeing Through Technology

308 EXCIMER SYSTEM

The Handy, Highly Effective Solution for Monchromatic UVB Therapy

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

PROVEN CLINICAL EXCELLENCE

Complete Excimer Laser Solution

Monochromatic UVB light has established itself for the treatment of various autoimmune skin diseases. treatment solution for intense monochromatic UVB phototherapy. With 308 nm, it applies the same wavelength as an excimer laser but without expensive, bulky laser technology. The 308 EXCIMER SYSTEM: excimer technology in the palm of your hands.

Treatments with the 308 EXCIMER SYSTEM are especially intense and effective. The powerful system with its 16 cm^2 spot precisely targets the lesions, leaving healthy skin unexposed.

Established for Psoriasis

The 308 Excimer system also achieves excellent results for psoriasis similar to those of an excimer laser.

The targeting of localized, persistent psoriasis plaques allows high dose treatments for fast, visible results and high patient satisfaction.[2] The surrounding, healthy tissue is spared.

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

Preferred for Vitiligo

Monochromatic UVB light is described as an effective approach for the treatment of vitiligo with few side effects.[3,4]

The handheld 308 EXCIMER SYSTEM gets results in vitiligo treatments that match those of a laser.

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

The only handheld system that uses
monochromatic 308 nm excimer technology

YOUR ADVANTAGES AT A GLANCE

Highly Effective

> High dose, monochromatic 308 nm light, on 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 are

Reasonable Price

> Low acquisition and operating costs

> Maintenance-free technology

> No consumables, no gas needed

> Mobile and space saving (smallest available handheld excimer system on the market)

High Patient Satisfaction

> 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

> Big, easy-to-use color touch screen

Smart Design

> Small, well-designed housing

> Compact carrying case for high mobility

> Modern look

Excimer Laser vs. 308 EXCIMER SYSTEM

Laser	Excimer Laser	308 ExCIMER SySTEM
Wavelength	308 nm	308 nm
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

Users about the 308 EXCIMER SYSTEM

"In the past I used the excimer laser for vitiligo and psoriasis with good clinical results. Now I use the handheld 308 EXCIMER SYSTEM **because it is much more convenient and gives me the same clinical results.**"

Moshe Lapidoth M.D., MPH Dermatologist, Director of the Laser Unit, Rabin Medical Center, Herzelia Pituach, Israel Vice President of the European Society for Laser Dermatology (ESLD)

"After treating many 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. Raul Yaguboglu, DermAllegra, Pommelsbrunn / Hohenstadt, 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 308 EXCIMER SYSTEM **as with an excimer laser**."

Prof. Dr. Ulrich Amon Psorisol Clinic, Hersbruck, Germany

COMPLETE STANDARD PACKAGE

308 EXCIMER SYSTEM includes

> 1 metal mask for MED test (Minimum Erythema Dose)

> 1 silicon mask

> 1 set of plexiglass masks Ø 30 mm / 20 x 20 mm / 15 x 15 mm

> 2 pairs of protective goggles

> 1 plexiglass holder

> 1 carrying case

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

308 EXCIMER SYSTEM Technical Specifications

Wavelength	308 nm
Spot Size	40 x 40 mm, 16 cm^2
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*

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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. Le Duff F, Fontas E, Giacchero D, Sillard L, Lacour JP, Ortonne JP, Passeron T. 308-nm excimer lamp vs. 308-nm excimer laser for treating vitili

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