

## 308 EXCIMER SYSTEM

The Handy, Highly Effective Solution  
for Monochromatic UVB Therapy



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

## PROVEN CLINICAL EXCELLENCE

### As effective as an Excimer Laser

Monochromatic UVB light has established itself for the treatment of various autoimmune skin diseases. The 308 EXCIMER SYSTEM is the small, handy treatment solution for intense monochromatic UVB phototherapy. With 308 nm, it applies the same wavelength as an excimer laser and achieves identical results<sup>1</sup>, 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<sup>2</sup> spot precisely targets the lesions, leaving healthy skin unexposed.

### Established for Psoriasis

The 308 EXCIMER SYSTEM also achieves excellent treatment results for psoriasis, identical to those of an excimer laser – clinically proven. The targeting of localized, persistent psoriasis plaques allows high dose treatments for fast visible results and high patient satisfaction.<sup>2</sup> The surrounding, healthy tissue is spared.



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

### Preferred for Vitiligo

Monochromatic UVB light is described as the most effective approach for the treatment of vitiligo with the fewest side effects.<sup>3,4</sup>

The handheld 308 EXCIMER SYSTEM gets results in vitiligo treatments that match those of a laser. If necessary, the treatment can be combined with other approaches.<sup>5</sup>



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

### Further Indications\*

Besides psoriasis and vitiligo, many other indications respond well to monochromatic UVB phototherapy, including hypo-pigmentation after CO<sub>2</sub> laser treatments, alopecia areata<sup>6</sup>, mycosis fungoides<sup>7</sup> and various atopic eczema<sup>8</sup>.

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

Discover the  
308 EXCIMER SYSTEM at:  
[www.308excimer.com](http://www.308excimer.com)



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 cm<sup>2</sup> spot size for short treatment times of larger areas

### 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

- > 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
- > Big, easy-to-use color touch screen

### Smart Design

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

## 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 Lapidot M.D., MPH  
Dermatologist, Director of the Laser Unit,  
Rabin Medical Center, Herzlia 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  
Psoriasis Clinic, Hersbruck, Germany

## Excimer Laser vs. 308 EXCIMER SYSTEM

Laser	Excimer Laser	308 EXCIMER SYSTEM
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	<b>very high</b>

# COMPLETE STANDARD PACKAGE

## 308 EXCIMER SYSTEM including

- > 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



## Technical Specifications 308 EXCIMER SYSTEM

Wavelength	308 nm
Spot size	40 x 40 mm, 16 cm <sup>2</sup>
Medium output density	50 mW/cm <sup>2</sup>
Power density	50–6000 mJ/cm <sup>2</sup>

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.

<sup>1</sup> Amon U, Yaguboglu R, Schmidt U, Lederer S, Seßler K, Brühl 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Le Duff F, Fontas E, Giaccherio D, Sillard L, Lacour JP, Ortonne JP, Passeron T. 308-nm excimer lamp vs. 308-nm excimer laser for treating vitiligo: a randomized study. *British Journal of Dermatology* 2010 163, pp 188-192.

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> 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.

<sup>8</sup> 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.

**Quantel Derma GmbH**

Am Wolfsmantel 46  
91058 Erlangen, Germany  
info@quantel-derma.com  
www.quantel-derma.com