

# TECHNICAL SPECIFICATIONS

Wavelength	308 nm
Spot size	40 x 40 mm, 16 cm <sup>2</sup>
Medium output density	50 mW/cm <sup>2</sup>
Energy 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.

## EXCIMER LASER VS. EXCIMER 308 SYSTEM

Light Source	Excimer Laser	EXCIMER 308 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

### Alma Lasers GmbH

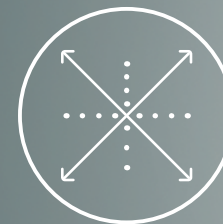
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## EXCIMER 308



A COMPLETE SOLUTION  
FOR MONOCHROMATIC  
UVB THERAPY



CONNECT WITH  
ALMA LASERS



## AESTHETIC PRECISION

THE EXCIMER 308 SYSTEM:  
EXCIMER TECHNOLOGY IN THE PALM  
OF YOUR HANDS



# INTRODUCTION

## AS EFFECTIVE AS AN EXCIMER LASER

Monochromatic UVB light has established itself for the treatment of various autoimmune skin diseases. The EXCIMER 308 SYSTEM is small, handy treatment solution for intense monochromatic UVB phototherapy. With 308nm, it applies the same wavelength as an excimer laser and achieves identical results<sup>1</sup>, but without expensive, bulky laser technology. Treatments with the EXCIMER 308 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 EXCIMER 308 SYSTEM achieves excellent results for psoriasis, identical to those of an excimer laser which is 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.

### Preferred for Vitiligo

Monochromatic UVB light is described as an effective approach for the treatment of vitiligo with few side effects.<sup>3,4</sup> The handheld EXCIMER 308 SYSTEM gets results in vitiligo treatments that match those of a laser.



# BENEFITS



### Highly Effective

High dose, monochromatic 308nm 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, 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**, maximum protection of healthy skin, no downtime, fast results.



### 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.

## Listen to our experts:



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

Moshe Lapidot M.D., MPH  
Dermatologist, Dir. of the Laser Unit, Rabin Medical Center, Israel.  
VP of the European Society for Laser Dermatology.



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

Dr. Raul Yaguboglu,  
DermAllegra, Pommelsbrunn / Hohenstadt, Germany



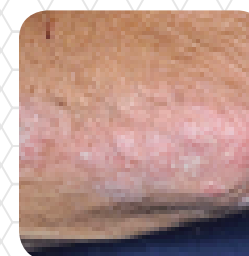
In relation to the number of treatments, we are getting **clinical results just as fast with the EXCIMER 308 SYSTEM as with an excimer laser."**

Prof. Dr. Ulrich Amon,  
DermAllegra, Pommelsbrunn / Hohenstadt, Germany

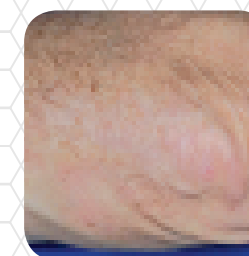


I am highly satisfied with my EXCIMER 308 SYSTEM due to its **vast application range, outstanding speed and incomparable safety."**

Dr. Jagdish Sakhiya, M.D.,  
Sakhiya Skin Clinic, Surat, India



BEFORE



AFTER



BEFORE



AFTER

<sup>1</sup> 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. <sup>2</sup> Köllner K, Wimmershoff MB, Hintz C, Landthaler M, Hohenleutne 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.