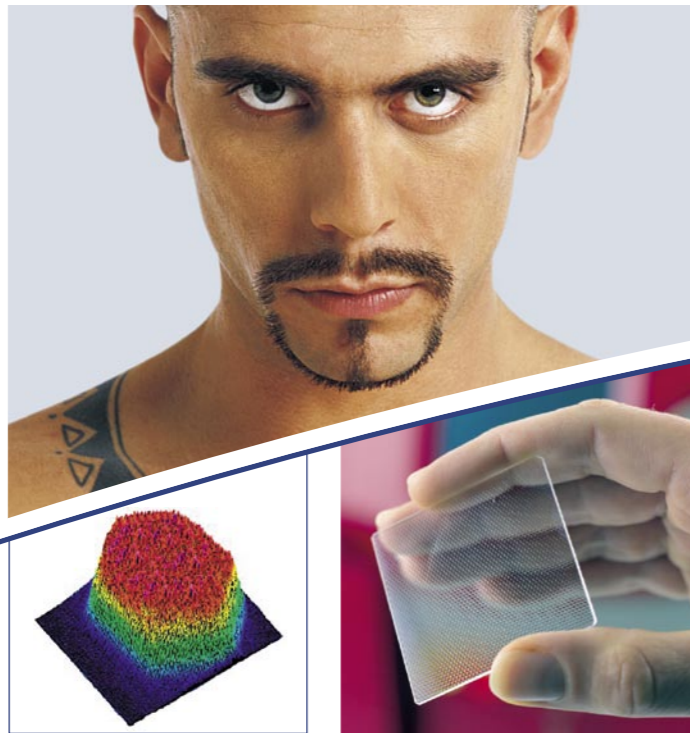




**The TattooStar R.**  
Proven technology for pigment  
and tattoo removal.

# Specialist for Pigment and Tattoo Removal. The TattooStar.



Left: Homogeneous hexagonal beam profil (Picture by courtesy of ams, Saarbrücken, Germany)  
Right: Unparalleled technology – microlens array

## High-Tech with power – Removal of pigments and tattoos

Years of research and user experience in the field of medical laser technology allow the increasingly specialized use of state-of-the-art laser technology. With our latest Q-switched laser, the TattooStar R, we present the professional successor to our RubyStar<sup>®</sup> laser for the gentle removal of pigments and tattoos. The unparalleled technology of beam forming by means of a microlens array in the handpiece ensures homogeneous laser spots. The hexagon shape provides improved gapless removal of pigments thus guaranteeing convincing results for the physician and the patient.

## More than ever in demand – Tattoo removal, an increasingly topical issue

More than 30 million people of the Western industrial nations have tattoos, and the number is still growing. Early in life, tattoos are considered a symbol of freedom, but with advancing age, they often become a burden. The wish for their removal is the logical conclusion. For this, physicians and patients trust in clinically tested lasers.

## Great performance – Higher energy for even higher professionalism

The use of higher energy densities at larger spot sizes allows faster and more efficient removal of tattoos or unwanted pigmentation of skin. If exposed to laser light, the pigment particles absorb the wavelength emitted. The transferred energy suddenly fragments the encapsulated color particles without thermally damaging surrounding tissue or leaving any scars.

## Flexible use – Gentle treatment with extended spectrum of applications

As the skin pigment melanin strongly absorbs ruby laser radiation, the TattooStar R cannot only be used for removing tattoos, but also for treating natural pigmental moles or smaller lesions. Mostly, your patients will tolerate the gentle laser treatment without anesthetization; only in isolated cases, local anesthesia is needed. The higher performance of this laser makes short and low pain treatment possible.

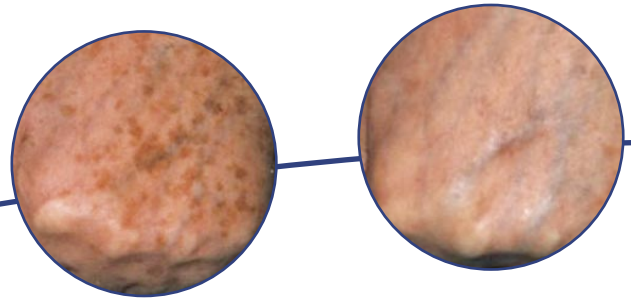
## Finest quality design – Setting an example with the TattooStar

Our high-tech solutions are optically complemented by an attractive, compact design and a user-friendly user interface including an editable parameter library. Automatic spot size detection and the possibility to connect a skin-cooling system to the handpiece emphasize the functionality and flexibility of this medical laser.



The TattooStar R.  
State-of-the-art laser technology  
with ergonomic design





Before treatment

After treatment

(Photos by courtesy of Patricia Steiner, Laserzentrum Cologne, Germany)

## The TattooStar R at a glance

Laser type	Q-switched Ruby laser
Wavelength	694 nm
Spot size	2.5, 4, 5, optional 6 mm
Pulse duration	Approx. 40 ns
Energy density	Max. 23 J/cm <sup>2</sup>
Pulse rate	0.5 – 2 Hz
User interface	Color display with touch screen and jog dial
Beam delivery	Articulated arm with handpiece
Handpiece	With microlens array and automatic spot detection, Connector for skin cooling provided
Pilot laser	635 nm, < 1 mW, adjustable intensity
Dimensions	36 x 97 x 78 cm (W x H x D)
Weight	Approx. 95 kg
Power requirements	100 V, 110 V, 120 V / max. 25 A 230 V / max. 16 A 50/60 Hz
Cooling	Internal cooling, no mains water supply required
Laser Class	4

Specifications are subject to change without notice.

## Features

- Ergonomic design
- Easy and reliable operation
- Program library for treatment parameters
- Unique homogeneous hexagonal spot through microlens array
- Automatic spot size detection
- Skin cooling system connectable to handpiece
- No mains water supply required

## Our mission

As a personal partner for professional users, we create systems of the highest quality and performance for gentle treatments in medical and cosmetic therapy.



Certified according to  
DIN EN ISO 90001:2000,  
DIN EN ISO 13485:2003  
Medical Device Directive  
93/42/EEC, Annex II

