

WHY ASCLEPION

Q-Switched mode and dual wavelengths system

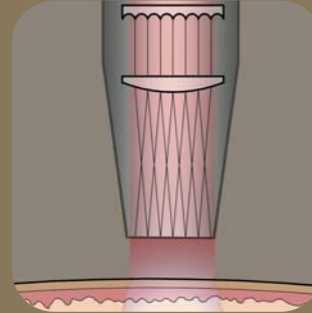
TattooStar emits Q-switched pulses - high power pulses lasting nanoseconds - which are absorbed by the pigments present in tattoos and stains in the skin. With the flexibility of two wavelengths, the physician is able to adopt the treatment exactly to the patients need and to the different range of pigment colors.



Colour range treatable with laser

Effective treatment thanks to the homogeneous spot and special micro-lenses

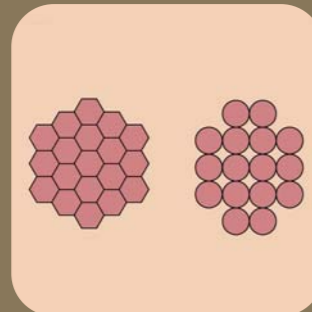
An exclusive system with micro-lenses by Asclepion Laser Technologies replaces traditional lenses. The spot is homogeneous and distributes the laser energy in a perfectly uniform manner to the area treated, thus avoiding the necessity to overlap and preventing over-treatment.



Special microlens technology ensuring homogeneous spots

Optimization of the treatment thanks to the hexagonal (TattooStar R) or square (TattooStar Y) spot.

The special shape of the TattooStar spot is designed to guarantee optimal coverage of the specific area with greater efficiency. In fact, unlike the traditional circular spot, no empty intermediate spaces exist with the hexagonal or square spot.



hexagonal spot and circular spot



TattooStar R
FDA approved
Certified according to
DIN EN ISO 9001:2000
DIN EN ISO 13485:2003
Medical Device Directive
93/42/EEC, Annex II

TattooStar Y
FDA in preparation



TattooStar

The best way to remove tattoos and pigments.
Effective, precise and non-invasive

- REMOVAL OF TATTOOS
- TREATMENT OF BENIGN PIGMENTED LESIONS
- REMOVAL OF PERMANENT MAKE-UP



Technology made in Germany



THE ASCLEPION EFFECT

The Asclepion Effect

The company works daily in the field of medical research and technological innovation in order to provide positive effects for all its clients. Asclepion Laser Technologies constantly makes the benefits of 'Made in Germany' laser technology accessible to an increasing number of people.

Technical assistance and warranty
Asclepion Laser Technologies offers maximum specialist technical assistance, both directly and through its network of local distributors, in order to help physicians in case of need. With two great advantages: the extension of warranty for two years and the online Asclepion Web Club.

Training and updating
Jena is the home of the Asclepion training center: a center of excellence, that together with the website and the Web Club, represents an endless source of information and updating with regard to the world of laser medicine. Moreover, our reference centers throughout the world are available for interested physicians all over the world.

Starting Kit
Together with the laser device, Asclepion also supplies a kit with guides and manuals for assisting the physician through all the phases of use: from installation of the machine to the treatment protocols.

Welcome Kit
This kit contains informative and advertising material that Asclepion has put together to back up the management of medical practice activities, with flyers for the patient, a pre- and post-laser treatment guide, anamnesis forms and much more.

Premium Kit
Asclepion has created a wide range of relationship tools exclusively for its medical partners: a valuable and innovative source for patient communication, the management of before and after photos, for getting to know the market offer and having your own website. In addition, the Asclepion Marketing Guide is invaluable for optimal management and organization of your medical practice.

The website, the Web Club and the advantages for physicians
Internet is a fundamental communication channel, designed to gather together information and personalized services for the physicians and their patients. Besides being dedicated to dialoguing with and among laser medicine professionals, sharing information and know-how, the Asclepion Web Club platform also represents a direct line with the company itself.



www.asclepion.com

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TECHNICAL SPECIFICATIONS

LASER TYPE
Q-Switch Nd:YAG Laser,
frequency doubled

WAVELENGTH
532 and 1064 nm

SPOT SIZE
2,5 - 4 - 5,5; optional 2 mm;
free running 7 mm

PULSE RATE
Max. 10 Hz

FLUENCE
1064nm: max 37 J/cm²
(Q- switched max. 20 J/cm²)
532 nm: max 10 J/cm²

PULSE DURATION
Q-switched-mode: 8ns
Free-running-mode: approx. 300µs

LASER CLASS
4

DIMENSIONS
36 x 78 x 97 cm

WEIGHT
Approx 95 kg

TattooStar Y

Removal of tattoo

Today there is an increasing demand for the removal of tattoos. On average, one person out of two wants to remove their tattoos after about ten years. This derives from the inevitable changes in fashion and styles or it is simply due to growing older.



Tattoo's pigments destruction

TattooStar is extremely effective in removing tattoos and accidental injuries: thanks to selective removal, the beam penetrates the skin and reaches the ink particles anchored in the skin. The pigments absorb the light energy and are fragmented. Once destroyed, they are absorbed by the lymphatic system and eliminated. The treatment is quick, almost bloodless and highly effective, without causing injury or leaving scars.



Laser's popcorn effect on the skin



Before treatment

After treatment

By courtesy of Dr. Patricia Steiner, Germany

Treatment of benign pigmented lesions

The high power, optimized by the homogeneous spot, allows removing natural pigmented lesions quickly and effectively, without damaging the surrounding tissue. The pulses are absorbed selectively by the melanin pigments contained in the skin. These are pulverized by the laser energy and eliminated naturally by the lymphatic system.



Before treatment

After treatment

By courtesy of Dr. Patricia Steiner, Germany

TattooStar removes e.g. lentigines, café-au-lait spots and Ota's nevi.

Removal of permanent make-up

Permanent make-up is becoming more and more popular. Therefore, as with tattoos we will also witness a growing demand for corrective and removal intervention in this field as well.

Technically, the removal of permanent make-up is very similar to the removal of tattoos, hence TattooStar also represents the ideal solution for this type of operation: quick, precise, effective treatment with minimal side effects.



Before treatment

After treatment

By courtesy of Dr. Patricia Steiner, Germany

TECHNICAL SPECIFICATIONS

LASER TYPE
Q-Switched Ruby laser

WAVELENGTH
694 nm

SPOT SIZE
2,5 - 4 - 5 - 6 mm
Hexagonal

PULSE RATE
0,5 - 2 HZ

FLUENCE
Max 20 J/cm²

PULSE DURATION
40ns

LASER CLASS
4

DIMENSIONS
36 x 78 x 97 cm

WEIGHT
Approx 90 kg

TattooStar R

