



THE ASCLEPION EFFECT

MeDioStar NeXT

The finest high power diode technology
Stronger, faster & portable



HAIR REMOVAL

SKIN WHITENING

SKIN REJUVENATION

VASCULAR TREATMENTS

ACNE

MADE IN
GERMANY

Asclepion
Laser Technologies

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: extending the warranty to 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 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.

T H E

A S

Hair Removal

MeDioStar is a synonym for safe & efficient hair removal, even for darker skin types. Due to its unique wavelength range, deep & selective treatments are possible. The high power diode allows the use of large spot sizes and reaches even deep seated follicles. The laser light penetrates the skin and the melanin pigments contained in the hair absorb the energy. By absorption, the light energy turns into heat and damages the surrounding cells, which are responsible for hair regrowth. However, even when using higher energy



Before treatment



After 3 treatments

densities, the application is always safe, guaranteeing low risk and a gentle treatment for patients. The very low risk of side effects is achieved through an homogeneous spot profile and very efficient cooling of the epidermis. The unique fiber taper technology guarantees the flat top profile of the spot without hot spots. Simultaneously the skin surface is cooled with the integrated peltier element, which makes the treatment much more comfortable. With the new Smooth Pulse mode for large areas a treatment speed up to 12 Hz provides the fastest application.

Handpiece

Standard:

- 14 x 10 mm²
- Max. 44 J/cm²
- Max. 12 Hz
- Rectangular shaped beam

High Power:

- 8 x 6 mm²
- Max. 90 J/cm²
- Max. 12 Hz
- Rectangular shaped beam

The extremely short pulses of the High Power handpiece allow the effective treatment of even finer hairs.



Standard handpiece



High Power handpiece

S C L E P I

Vascular Treatments

MeDioStar goes beyond just hair removal, also demonstrating its great versatility and user-friendliness in other fields of application, such as the removal of leg veins, treatment of hemangiomas and other ectatic vessels. The treatments are non-invasive and, in most cases, there is no need for an anesthetic. The wavelength in the near infrared reaches even deeper located vessels.



Before treatment



After 1 treatment

By courtesy of Andrié Steps, Germany

Handpiece

Vascular:

- 4 x 3 mm²
- Max. 210 J/cm²
- Max. 4 Hz
- Rectangular shaped beam



Specially designed handpiece with a long tip and integrated skin cooling to perfectly treat small vessels. The wavelength range includes 940 nm for hemoglobin absorption which results in a selective and efficient treatment.

Acne

Skin blemishes and imperfections are often the cause of psychological and psychosomatic discomfort and in the case of acne inversa there is a serious problem. MeDioStar represents an indispensable aid in improving these lesions with a quick and painless treatment without the need for an anesthetic.

Handpiece

Standard:

- 14 x 10 mm²
- Max. 44 J/cm²
- Max. 12 Hz
- Rectangular shaped beam

High Power:

- 8 x 6 mm²
- Max. 90 J/cm²
- Max. 12 Hz
- Rectangular shaped beam

O N

Skin Rejuvenation & Skin Whitening

The handpiece can also be used for skin rejuvenation and skin whitening treatments and allows a faster, safe and efficient treatment of dark skin types. Skin Whitening with MeDioStar destroys the melanin in the skin which leads to a reduction of pigments and a whitening of the skin. In addition – the skin appears more even in color, pore size and wrinkles can be reduced. The integrated skin cooling system and the homogeneity of the spot minimize the risk of side effects and ensure a comfortable treatment.

Handpiece

Standard:

- 14 x 10 mm²
- Max. 44 J/cm²
- Max. 12 Hz
- Rectangular shaped beam

High Power:

- 8 x 6 mm²
- Max. 90 J/cm²
- Max. 12 Hz
- Rectangular shaped beam



Before treatment



After 1 treatment

By courtesy of Dr. Meemee Dai, Taiwan

E F F

Display & Software features

- Large full color TFT Touch Screen Display at 8,4" with Touch Screen Pen
- Graphic based user interface with
 - + Patient database
 - + Application support
 - + Treatment pictures and videos
- Treatment modes
 - + Basic
 - + Professional
 - + Vascular
 - + Smooth Pulse: high pulse repetition rate up to 12 Hz at fluences between 5 and 12 J/cm². A series of extremely rapid pulses allow high speed treatments at lower pain level applicable with standard and high power handpieces for hair removal.



E C T

TECHNICAL SPECIFICATIONS*

LASER TYPE

High Power Diode Laser

WAVELENGTH

800 – 950 nm range

SPOT SIZES, FLUENCE

STD 14 x 10 mm², max. 44 J/cm²

HP 8 x 6 mm², max. 90 J/cm²

VAS 4 x 3 mm², max. 210 J/cm²

PULSE REPETITION RATE

up to 12 Hz

PULSE DURATION

up to 400 ms

DIMENSIONS

+ Table Top:

36.5 x 56 x 46.5 cm

+ with Trolley (optional):

36.5 x 56 x 97.5 cm

WEIGHT

approx. 35 kg

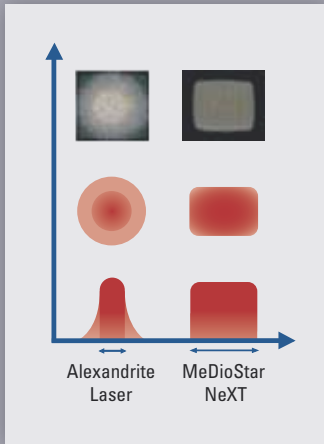
LASER CLASS

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* Specifications are subject to alteration.

WHY A S C L E P I O N



Homogeneous spot for a safe and precise treatment

The laser beam is transmitted through a tapered fiber bundle which guarantees the utmost homogeneity of the surfaces treated. Thanks to the uniform distribution of energy there are no hot spots, which makes the treatment safer and more efficient.



Portability

- Portable device
- Easy to transport
- Easy to move (approx. 35 kg)

Newly designed handpieces

- Highest efficacy and most selective application through new light delivery system
- Specialized handpieces for multiple applications
- No power loss
- Hand pieces most lightweight (260 g only)
- Optimized profile for any spot size generated by rectangular shaped fiber bundle materials
- Sapphire coated as standard (no burn-in of particles)



Integrated skin cooling

- Integrated high power peltier skin cooling
- Skin cooling separated from laser cooling
- Continuous temperature measuring with automatic error detection
- Immediate readiness after switch – on
- Adjustable at 3 different temperature levels

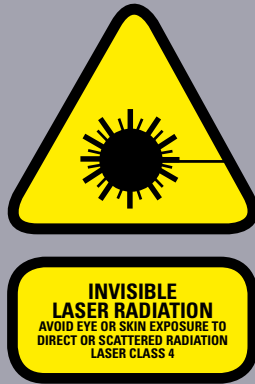
Unique wavelength range

- Multiple wavelength technology for optimal application results
- Combining different wavelengths in one single diode stack: 800 nm to 950 nm

No consumables & upgradable

- Lowest running cost
- Easy to upgrade to further applications & treatments

CE 1275



Patents
DE 198 52 948
EP 112 8775
US 6,682,524

FDA approved

Certified according to
Medical Device Directive
93/42/EEC, Annex II
ISO 13485:2003
EN ISO 13485:2003 + AC 2009
DIN EN ISO 9001:2008

SkinRejuvenation & Acne not for sale in the US.

www.asclepion.com