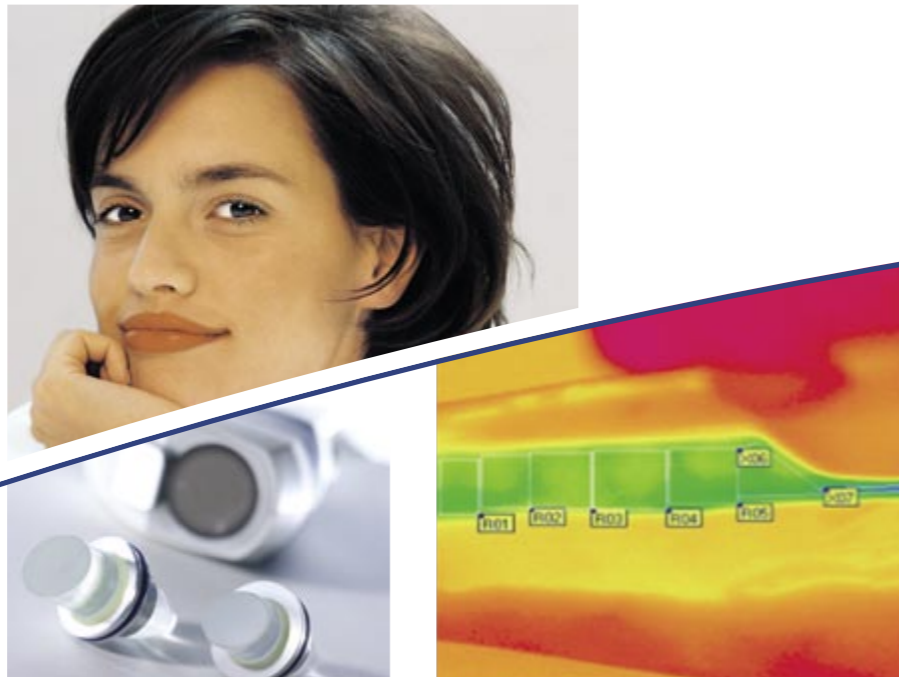




**The new MeDioStar XT.**  
**Gentle hair removal**  
**and more.**

# Best in its class. MeDioStar XT.



Left: Simple change of spot size by changing the contact tips  
Right: Thermogram of cooling trace and laser spots shows virtually steady skin temperature obtained with new cooling handpiece

## Highest laser power – Effective and gentle

The centerpiece of the new MeDioStar XT is a high power diode laser. This proven technology of the well established MeDioStar HC model is also used for the XT. The laser power is monitored constantly through the contact-handpiece, thus ensuring an effective and reliable treatment.

The MeDioStar XT stands for safe hair removal, especially also for darker skin types. The high power of the laser allows larger spot sizes, through which deeper hair follicles can be reached. The pulse length is adjustable over a wide range up to 500ms.

## Intuitive handling – Individual adjustment of parameters

In addition to the wide range of applications, the MeDioStar XT is extremely user-friendly. In just a matter of minutes, this compact laser system is installed and ready to operate. The large, easy to read color display simplifies the operation of the device. The MeDioStar XT provides a BASIC mode especially designed for beginners, as well as a PROFESSIONAL mode for the individual treatment with adjustable pulse lengths. For sensitive skin, the laser can be set to operate in double-pulse mode, which enables a very gentle treatment of the epidermis.

The spot size can be easily varied by simply changing the tip. The system automatically detects any spot size change and readjusts operating parameters. Large spot sizes and a high repetition rate ensure effective hair removal for every skin type.

## Patented cooling handpiece - Perfect skin cooling

To obtain the best possible results, the skin cooling of the MeDioStar XT has been improved significantly. This new cooling system allows gentle treatment even at higher energy density.

It constantly and automatically monitors the cooling temperature before and during treatment. This security feature is integrated into the handpiece and ensures a gentle, particularly safe and virtually painless treatment for the patient.

## Award winning design – Ergonomic and attractive

The new MeDioStar XT with the rewarded design perfectly fits into your practice. The new, lightweight handpiece is neat, handy and therefore very user-friendly. Features such as skin cooling and spot size recognition are integrated in the handpiece and come into action automatically. The flexible mount of the two meter long fiber allows

head-to-toe treatment of the patient without having to reposition the device.

## Easy handling – Unique and innovative beam delivery

Thanks to a unique innovation of Asclepion Laser Technologies, the weight of the handpiece was significantly reduced. The beam is delivered from the high power diode laser to the handpiece through a specially developed fiber bundle. Another benefit of this technology is the very homogeneous distribution of energy over the entire beam cross-section without any hot-spots. The spot size can be easily adjusted through the change of contact tip. The PROFESSIONAL mode additionally allows individual adjustment of treatment parameters.

## Gentle hair removal ... and more

The new MeDioStar XT can also be used for vascular treatments. The optional upgrade\* allows the treatment of ectatic blood vessels with a higher energy density. Using this upgrade, the degree of utilization of the MeDioStar XT in your practice can be increased, thus making the investment pay off even sooner.

The new MeDioStar XT.  
The high power diode laser for hair  
removal and, with upgrade, also for  
vascular treatment





Before treatment

After treatment

(By courtesy of Albert J. Nemeth MD, Clearwater, Florida/USA)

### The new MeDioStar XT at a glance

Laser type	High power diode laser
Wavelength	808 nm
Spot size	10 and 12 mm (standard) 4 to 14 mm (optional) Slit spot for vascular treatments Automatic spot recognition
Frequency	Up to 4 Hz
Fluence	Max. 90 J/cm <sup>2</sup> (standard) Max. 170 J/cm <sup>2</sup> *
Pulse length	Up to 500 ms
User interface	Color touch screen with jog dial
Beam delivery	Fiber bundle with patented contact handpiece
Aiming laser	635 nm, < 1 mW, adjustable intensity
Skin cooling	Integrated in handpiece Automatic temperature control
Laser class	4
Power requirements	100/120/208/230/240 VAC selectable, 50/60 Hz

Specifications are subject to change without notice.

### Features

- Latest, state of the art diode laser technology.
  - Compact design
  - Easy to install
- Long pulses (extended length) of up to 500 ms for dark skin types
- New ergonomic handpiece with integrated cooling system (patented)
- Automatic control of cooling temperature
- Easy and fast change of spot size
- Integrated spot size detection for easy operation
- Very homogeneous beam profile (patented)
- Optimum parameter selection in PROFESSIONAL mode: pulse interval can be switched on/off, pulse length adjustable up to 500 ms
- Upgrade for vascular treatment\*

\* vascular upgrade not for sale in the US

### 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.

Patents  
DE 198 52 948  
DE 100 21 278  
US 6,682,524



FDA approved

Certified according to  
DIN EN ISO 9001:2000,  
DIN EN ISO 13485:2001  
Medical Device Directive  
93/42/EEC, Annex II

