

QuadroStar PRO

F A M I L Y



BROCHURE NOT FOR THE U.S.A.


Asclepion
Laser Technologies

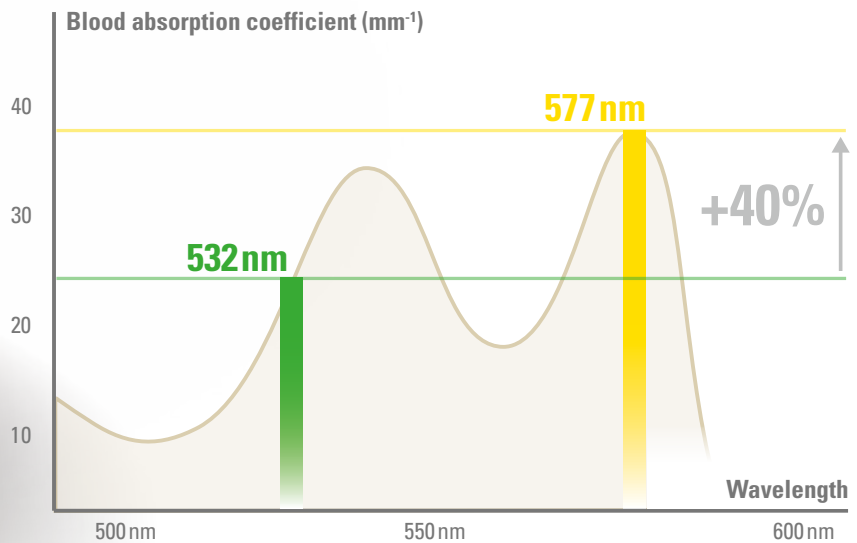


The right wavelength –
for any application

VASCULAR TREATMENT

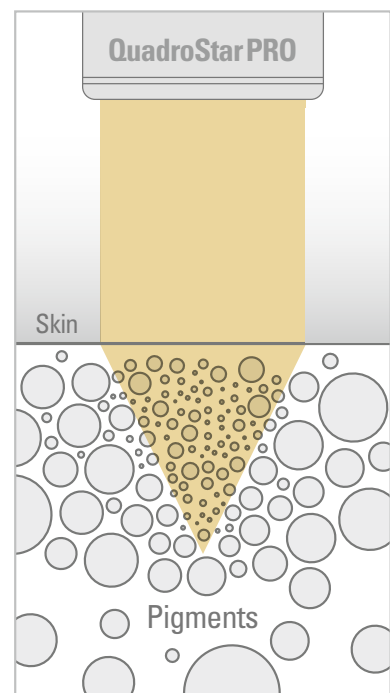
Port-wine stains, small strawberry marks, dilated capillaries and couperose skin: there is a wide range of conditions in which the structure of blood vessels changes, and many people suffer from them. The QuadroStarPRO^{GREEN} with 532 nm and the QuadroStarPRO^{YELLOW} with 577 nm provide the ideal wavelengths for treatment of vascular lesions. The scanner with integrated skin cooling also allows faster treatment of areas of erythema in a procedure that reduces side effects and shortens the regeneration phase.

The green wavelength is absorbed to a large extent by haemoglobin, the target structure for vascular treatments. The yellow wavelength is more selective and lies at the maximum absorption limit. Thanks to its particular wavelength, the QuadroStarPRO^{YELLOW} is the gold standard. The system allows fast, effective and safe treatments with few side effects. Less fluence is required for the same results and thanks to the lower level of melanin absorption in comparison to 532 nm, darker skin types can be treated with less damage.



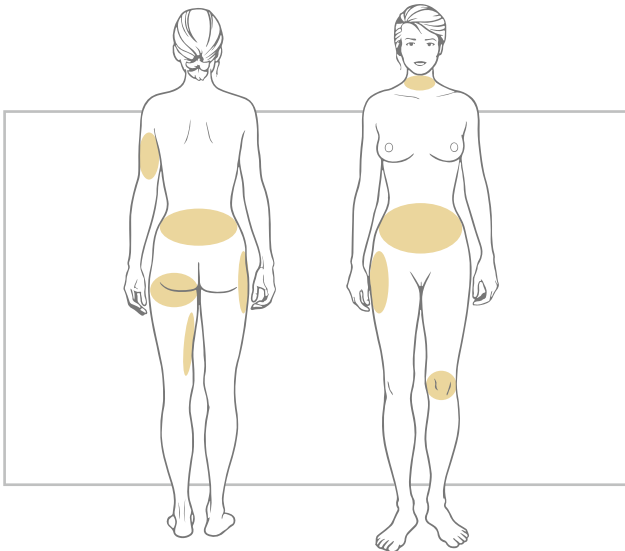
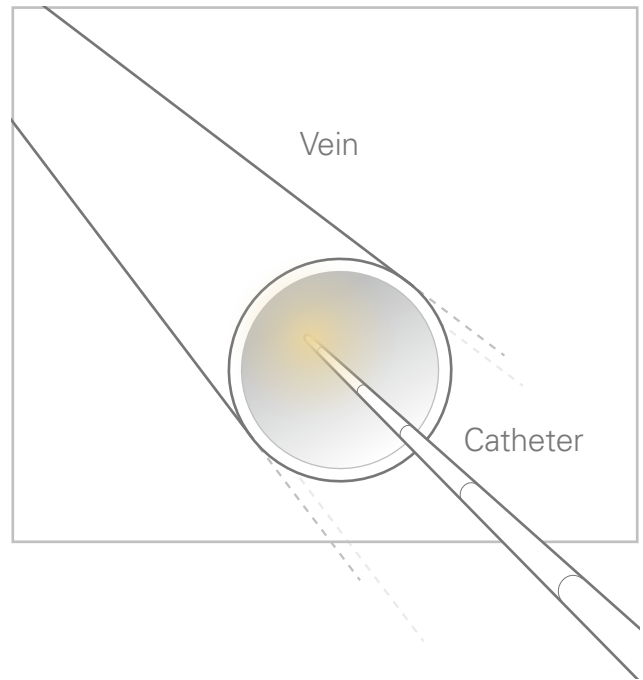
PIGMENT TREATMENT

Pigment disorders are unwelcome and the desire to have them removed is strong. With QuadroStarPRO^{GREEN} or the QuadroStarPRO^{YELLOW}, these undesirable blemishes can be treated effectively. Absorption of the laser light heats up the pigment and coagulates it. As the wound heals, the particles that have been destroyed are broken down.



ENDOVASCULAR TREATMENTS

Laser therapy for treatment of varicose veins is an established, minimally invasive method and is possible with the QuadroStarPRO⁹⁴⁰. The intervention can be carried out on outpatients under tumescent anaesthesia. The fibre for this is introduced through a small incision and is slowly withdrawn during the laser treatment using ultrasound control. The vein is sealed with laser light. In comparison to conventional stripping, the laser therapy causes less trauma and fewer side effects. It facilitates fast recovery and gives outstanding clinical and aesthetic results. Asclepion offers the EndoSet with catheter and matching fibre fixing system for EVLT procedures.



LASER-ASSISTED LIPOLYSIS

Reduction of fat and skin tightening are in high demand in the area of body contouring. Laser-based lipolysis with the QuadroStarPRO⁹⁸⁰ is ideal for this. The LipoSet with special fibres and handpieces has been developed for this invasive procedure. This also makes it possible to treat areas that are difficult or impossible to access with standard liposuction, such as the neck, chin, kneecap and under the breast.

NAIL TREATMENT

Onychomycosis is a very common condition. Nail treatment with the QuadroStarPRO⁹⁸⁰ in cases of fungal infection is an effective treatment option and is frequently used in combination with traditional therapy using medication. Because of the specific wavelength, high power and frequency, the infected nail is heated up quickly. The treatment is complete in just a few minutes and a clear nail grows back.



versatile
POWERFUL
PORTABLE



Advantages

- + High performance and reliability
- + Maximum for haemoglobin absorption (577 nm)
- + Low melanin absorption for fewer side effects (577 nm)
- + Scanner with integrated skin cooling available (532 nm & 577 nm)
- + Homogeneous beam profile for maximum precision
- + Small, compact, lightweight systems
- + No consumables
- + Transport case available

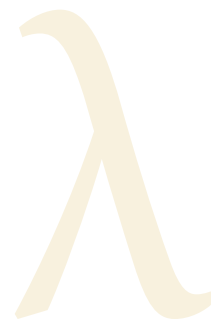


QuadroStar PRO

F A M I L Y

Select your wavelength!

The QuadroStar PRO comes in an award-winning design and uses the latest laser technology. First you identify the purpose for which you require the device, then you select the appropriate system.



Applications

577nm

QuadroStar PRO YELLOW

Superficial vascular and benign, pigmented lesions

Telangiectasias, couperose skin, spider naevi

Eruptive angiomas, angiomas of the lip line

Small haemangiomas, port-wine stains, spider veins

Warts, sebaceous gland hyperplasia, lentigines

532nm

QuadroStar PRO GREEN

940nm

QuadroStar PRO 940

Endovascular procedures (EVLT)

980nm

QuadroStar PRO 980

Laser lipolysis

Nail treatment

GRAPHICAL USER INTERFACE

The 5.7-inch LCD is a clear and sharp screen with touch-sensitive buttons for an agreeable working experience. The user-friendly interface guarantees the optimal treatment procedure.

EXPERT mode



SCAN mode



SCAN shapes



Advantages

- + High-contrast, sharp display with touch-sensitive keypad for easy operation
- + User-friendly interface for the optimal treatment process
- + Various background colours to suit personal preferences



SIX TREATMENT MODES

- BASIC** The fixed spot size (1 mm) and automatic setting of the pulse length make it possible to set the parameters for standard treatments quickly and safely.
- EXPERT** The spot size and pulse length can be set to optimise treatments.
- BURST** The pulses are emitted in a sequence of a 3 ms pulse followed by a 3 ms pause for gentle treatment of more difficult lesions.
- VARIX** In this mode, the clinician can set the power, pulse length and pause between pulses directly. The total energy and time are also displayed.
- CW** The user can adjust the power required and the treatment is carried out with continuous emission.
- SCAN** This mode is activated automatically when the scanner is connected. Thanks to the scanner with integrated skin cooling and adjustable cover rate, even faster and more comfortable treatments of large areas are possible.



HIGH-TECH ACCESSORIES

THE LATEST TECHNOLOGY

Special accessories have been developed for the various fields of application of the QuadroStar PRO family. The handpiece offers high-precision optics with various spot sizes. The scanner with integrated skin cooling accelerates the treatment of large areas for greater patient comfort. The application sets contain fibres and cannulas tailor-made for the specific purpose.



ASCLEPION

COMPETENCE, EXPERIENCE, SUCCESS

For over 40 years, Asclepion Laser Technologies has operated as a leading company in international medical laser technology, manufacturing sophisticated laser systems for dermatology, aesthetic medicine and surgery. The company's headquarters is in Jena's Optical Valley, which is famous throughout the world as the home of the German optical industry. Here the company invests continuously in the research and development of new technologies. Today, customers in **more than 70 countries** put their trust in the "Made in Germany" technology and scientific expertise of Asclepion.

The QuadroStarPRO, the latest product family from Asclepion for vascular and pigment treatment and much more, has enjoyed unrivalled success throughout the world. This testifies to its effectiveness, safety and high quality.



For us, high quality also means a philosophy that focuses on the customer. That's why we work hard every day to ensure that we can offer you not only the best technology, but also the entire range of services: 360° support for you.

TRAINING & EDUCATION



Both regional and international training courses are organised regularly in our training centre in Jena. In this way, we provide our customers with all of the knowledge that they need for the safe and effective use of our laser devices.

Find out more at:
www.asclepion.com/academy

MARKETING & WEBCLUB



A wide range of marketing tools is available in Asclepion's WEBCLUB. We have set up our online platform specifically for our customers, to provide them with direct access to news and documents that are important for their company's success.

Find out more at:
www.asclepion.com/webclub

TECHNICAL SERVICE



Our highly specialised technical support, which we offer both directly and via a network of local distributors, helps our customers from installation, through assistance in the event of a defect, to the supply of spare parts.

Find out more at:
www.asclepion.com/service

TECHNICAL SPECIFICATIONS

Systems	QuadroStarPRO YELLOW ----- QuadroStarPRO GREEN ----- QuadroStarPRO 940 ----- QuadroStarPRO 980	Modes	Basic, Expert, Scan, Burst, Varix, CW
Laser	HOPSL (577 nm, 532 nm)* class 4 ----- Diode (940 nm, 980 nm) class 4	Spot size	HOPSL* Standard 1 mm Ø ----- Optional 0.5; 1.5; 2.8 mm Ø ----- Diode Bare Fiber ----- Handpiece 3.5 mm Ø
Power	Max. 5 Watt @ 577 nm ----- Max. 8 Watt @ 532 nm ----- Max. 30 Watt @ 940 nm ----- Max. 30 Watt @ 980 nm	Scanner (optional)	Spot size 1 mm ----- Scan area max. 15 mm x 15 mm ----- Scan density 100 % / 80 % / 60 % ----- Shapes □ ◻ ○ ⦿
Pulse duration	1 ms – 95 s or CW	Display	5.7" touch-sensitive
Frequency	0.5 Hz – 100 Hz	Dimensions	42 cm x 38 cm x 19 cm (W x D x H)
		Weight	< 15 kg

Subject to technical changes.

* High-power Optically Pumped Semiconductor Laser

www.asclepion.com

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