



DENAVE

Staying on TOP

Safety and Efficacy in Vascular Treatments

DENAVE stands out in **Aesthetics** and **Dermatology**



DEKA
Innate Ability

DENAVE Quick Wins:

Extensive areas of Rosacea | Diffuse Telangiectasias
Birthmarks | Hemangiomas | Age Spot | Lentigos

WHAT'S DenaVe?

The new DenaVe system is a 585 nm solid state laser emitting through **fiberoptic cable**. It uses FSOPS (Frequency Shifted Optically Pumped Semiconductor) Technology and it represents the perfect solution for physicians focused on optimal vascular and pigmentation outcomes with minimal cost of ownership and patient downtime.

Why Choosing DenaVe:

High Technology 585 nm Laser (it's not a Dye)

FSOPS Technology makes DenaVe the gold standard for the treatment of vascular lesions avoiding the pulsed dye technology's troubles (consumables and high maintenance costs, warm-up time, etc).

Maximum Patient's Comfort

DenaVe provides minimum risk of side effects including purpura and minimum downtime.

High Precision and Ease of Use

DenaVe delivers high energy to target, in a very selective way, producing minimal epidermal damage.

A white and blue DenaVe laser device is shown in the background. It has a digital display screen showing '585 nm', 'STANDBY', and '5 W'. The brand name 'DENA VE' is visible on the front panel. The device is connected to various cables and has several control buttons and ports.

THE SCIENCE BEHIND

A Solid State Technology that Exceeds the Limits of Pulsed Dye Laser

585 nm wavelength has been considered the elective gold standard solution for superficial vascular applications for over 20 years.

DenaVe is the first compact and transportable laser to produce a true 585 nm wavelength.

DenaVe works in **either continuous or pulsed ways and it eliminates** pulsed dye lasers **maintenance and consumable cost.**

A Specific Pulsed Emission

The DenaVe pulsed emission is shorter than the vessel's TRT (Thermal Relaxation Time) guaranteeing a **purpura-free treatment** with minimum downtime.

This makes the system to be **suitable for all skin types.**

THE SCIENCE BEHIND

OPTISCAN™:

A Unique Integrated Scanner to Speed Up and Maximize Precision

OptiScan™ scanner technology allows treatments of **large areas in a very precise, safe and quick way**. The scanner selectable parameters provide users with optimal management of laser heat distribution for any specific treatment. The scanner accuracy ensures precise and homogeneous **results** while limiting unnecessary heat to unaffected areas for a **perfect treatment customization**.

- ◆ Variable pitch / density
- ◆ Random pattern for safety and comfort
- ◆ Selectable filling modes
- ◆ Adjustable treatment area size
- ◆ Multiple shapes



Clinical Results



Courtesy of **Thomas Griffin Jr, M.D.**,
PA, USA



Courtesy of **Paolo Sbano, M.D.**,
Dermatologist - Viterbo (Italy)
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Courtesy of **Paolo Sbano, M.D.**,
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THE PERFECT MATCH

DenaVe Strength

- **Fast, effective and safe** treatments while reducing side effects
- **Great selectivity:** optimized absorption/ penetration depth ratio
- Clinically effective suitable for almost **all skin types**
- **Minimal** post treatment social **downtime**
- **Easy to use**
- Well tolerated by patients



Only for DEKA Users:

a great support in medical practice

DEKA *Club*

True 585 nm wavelength in either continuous or pulsed modes

Fiberoptic reliability and durability

OptiScan™ for selective treatments with minimal epidermal damage

No maintenance or consumable costs



Technical Specifications

DENAVE	
Laser Type	Laser 580 +/- 6 nm
Laser Power	5 W (max)
Operation Mode	CW, Pulsed, Burst
Pulse Duration	0.25 – 8000 ms Limited with scanner: 1-100 ms
Repetition Rate	From 0.095 Hz to 2000 Hz
Aiming Beam	650 nm diode laser (<4 mW)
Spot Size	0.5-1.0-1.5-3.0 mm
Dimensions and Weight	314 mm (H) x 336 mm (W) x 366 mm (D) 9 Kg
Electrical Requirements	100-230 Vac; 50/60 Hz; 350 VA

CAUTION - Visible and invisible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.
This brochure is not intended for the market of USA.



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Dealer stamp



Quanta System S.p.A.
www.quantasystem.com

DEKA Innate Ability

A spin-off of the El.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.