



The Dye Laser Evolution with the New Right Light Technology

The Gold Standard for Vascular Application

SYNCHRO VASQ stands out in Aesthetics Medicine



DEKA
Innate Ability

SYNCHRO VASQ

Quick Wins:

Pws, Angiomas & Haemangiomas | Telangiectasias & Rosacea | Pigmented Stains | Hypertrophic Scars | Photorejuvenation | Stretch Marks | Psoriasis | Warts |

Key Principles

Synchro VasQ is the new dye laser by DEKA that treats a large number of vascular lesions and can also be used in the treatment of psoriasis, warts, scars and acne.

Synchro VasQ is able to release energy in micropulses, with a clear benefit in terms of reducing post-treatment purpura.

Thanks to Right Light™ Technology is possible to treat superficial vascular lesions without the annoying problem of purpura.

Why Choosing SYNCHRO VASQ:

Ideal Emission (595 nm)

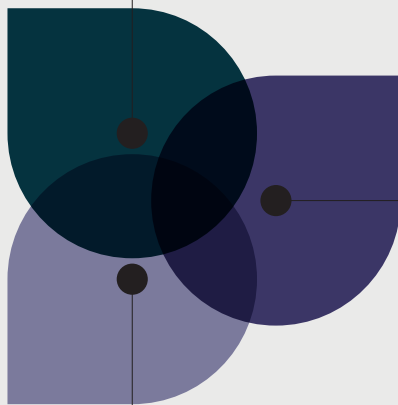
International scientific literature consider 595 nm the best wavelength to be absorbed by hemoglobin for both its selective and protective action.

Wide Range of Applications

Synchro VasQ is able to treat all vascular lesions: From the deepest and thickest to more superficial ones, as well as superficial pigmented lesions, scars, warts and psoriasis.

The Exclusive Right Light™ Technology (DEKA patent)

The special light is an exclusive DEKA patent and makes it possible to eliminate problems encountered when using laser dye on targets with lower absorption.



THE SCIENCE BEHIND

Dye Laser and Right Light Selectivity

Synchro VasQ is the DYE Laser system developed for the selected treatment of superficial vascular anomalies. Its strength is found in the characteristics of the two Dye Laser and Right Lamp light sources. The use of Rhodamine as a light amplification method and the exclusive Right Light technology, which is fundamental for the treatment of erythrosis and acne rosacea, occurs through enhanced wavelength technology: A particular active filtering concentrates the energy of the light on selected wavelengths for vascular blemishes. The treatment does not have the same transient effects of purpura, which are typical of DYE laser.

VasQ at a glance:

Equipped with 4 laser handpieces with 5 and 12 mm spot emission and exclusive Right Light handpieces in two dimensions for small (2 cm²) and large areas (6.3 cm²).



Spot sizes from 5 to 12 mm for deeper treatments.

Spot dimensions from 5 to 12 mm for deeper treatments. Exclusive selective handpieces with emission areas up to 6,3 sq.cm for a better treatment of superficial lesions.

THE SCIENCE BEHIND

RightLight™ Lamp: for the treatment of superficial lesions

The Right Light handpiece is the result of research and innovation which DEKA constantly promotes in its laboratories to offer better treatment methods that are increasingly effective. With this innovative handpiece it is now possible to remove fainter and more superficial vascular lesions, characterized by a smaller chromophore concentration which can be problematic to treat with traditional dye laser.

Right Light is particularly indicated for treating superficial lesions, such as rosacea and erythrosis, which need an effective and delicate action at the same time, without the annoying problem of post-treatment purpura.

Right Light handpiece in two dimensions (2 cm²) and (6.3 cm²) for different areas.



The Floor to Practitioners

“ Dye laser is the most effective system for treating thicker vascular lesions, such as port wine stains and haemangiomas. The new Synchro VasQ system is not only comparable with the best dye lasers currently on the market but, thanks to the new RightLight™ technology, it introduces a real novelty, extremely effective and important for my dermatology practice.

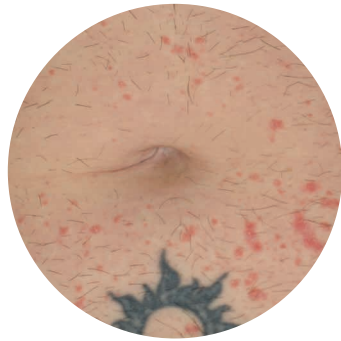
The new RightLight™ lamp gives a laser-like light that preserves all the emission characteristics of a dye laser, but with the energy distributed over a large surface area. Thus, the treatment of superficial vascular lesions, such as erythrosis and rosacea, is extremely effective, maintaining complete safety and maximum comfort for the patient. Dye laser and dye lamp work in perfect synergy as never before”.

Prof. Paolo Bonan, M.D., Dermatologist, Florence (Italy)

Clinical Results



Courtesy of Prof. P. Bonan, M.D.
Prof. P. Campolmi, M.D.
Prof. G. Cannarozzo, M.D.
Florence, Italy



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THE PERFECT MATCH

SYNCHRO VASQ Strength

Operators and patients benefit from:

- Gold standard wavelength for **vascular application**
- Wide range of applications
- **Right Light™** Technology (DEKA patent) to eliminate purpura
- **400,000** free shots included
- Spot size range **from 5 to 12 mm**



Only for DEKA Users:

A great support in medical practice

DEKA Club

**Laser handpieces with different
spot size (from 5 to 12 mm)**

**Integrated and
customizable database**

**Exclusive Right Light
handpiece.**

**Ergonomic handpiece
with Integrated
cooling system**



Technical Specifications

SYNCHRO VASQ	
Laser Type	Dye Laser – 595 nm
Spot Dimensions	5,7,10,12 mm Optional: 3 mm, 3x10 mm, 9x9 mm
Max Fluence	33 J/cm ² @5 mm spot size - 19 J/cm ² @7mm spot size 10 J/cm ² @10mm spot size - 7 J/cm ² @12mm spot size
Pulse Duration	From 0,3 to 40 ms
Repetition Rate	From 0,2 to 1 Hz
Right Light (optional)	
Emission Spectrum	Optimized for 595 nm
Max Fluence	25 J/cm ²
Treatment Area	2 cm ² (5x13mm) – 6.3 cm ² (48x13mm) – optional: 3.1 cm ² (24x13mm)
Pulse Duration	From 2 to 20 ms (single), from 9 to 66 ms (double), from 16 to 124 ms (triple)
Pulse Repetition Period	From 2 to 6 s
General Features	
Cooling	Integrated skin cooling system
Dimensions and Weight	120 (H) cm x 49 (W) cm x 100 (D) cm 175 kg
Electrical Requirements	230 Vac – 16 A – 50/60 Hz

DANGER - Visible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.

This brochure is not intended for the US market.



Dealer stamp



DEKA M.E.L.A. s.r.l.
Via Baldanzese,17 - 50041 Calenzano (FI) - Italy
Tel. +39 055 8874942 - Fax +39 055 8832884

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 120 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and the 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.