Quanta System

585

AESTHETICS & DERMATOLOGY

585

The Wavelength with the Best Reputation in Dermatology Now Available at Zero Maintenance Costs

Over the last 20 years, 585 nm lasers have been commonly used in aesthetics and dermatology for skin and vascular treatments. Indeed, 585 nm dye lasers are considered the gold standard for these applications.
Despite of all this, the diffusion of 585 nm lasers has been limited so far because of their running costs and for the resulting post-treatment purpura, which is no longer an outcome accepted in aesthetic and dermatologic procedures.

The **Quanta System 585**, with its innovative D-wmops (Differential - Wavelength Modified Optically Pumped Semiconductor) technology, is a solid-state laser able to emit the same wavelength of a Dye laser, in both continuous or pulsed modes. This allows treatments to be performed with no purpura and without any maintenance and consumable costs!

The treatment of dermatological vascular lesions is more effective with **585 solid-state laser** compared to KTP/LBO 532 nm lasers thanks to the greater penetration depth of 585 nm than 532 nm. Quanta System 585 increases also consumer's safety thanks to the low melanin absorption by epidermis which is 50% less compared to 532 nm. For these reasons treatments can be performed with improved selectivity, producing less collateral epidermal melanin damage, better tolerance to the treatment in any skin type and increased energy delivery to the target chromophores.

This induces greater effective coagulation and vessel wall damage, leading to more durable results and no post-treatment down-time.

Indications

· Telangiectasia
· Port Wine Stains
· Hemangioma
· Spider Angioma
· Rosacea/Poikiloderma of Civatte
· Lentigo
· Melasma
· Vascularized scars
· Seborrheic keratosis
· Warts

OptiScan

The optional **OptiScan** provides the automatic coverage of the skin surface for the easy and precise treatment of extensive vascular lesions or pigmented and aged skin.

This is our advanced device that thanks to its touch screen, easy maintenance and the density of patterns, improves consumer's safety and efficacy.

Focusing handpieces

Available in different dimensions for the treatment of round and linear small lesions.

Before and After pictures


COUPEROSE - CAPILLARIES
Courtesy Paolo Sbano MD


ANGIOMA
Courtesy Paolo Sbano MD


COUPEROSE - REDNESS
Courtesy Paolo Sbano MD


ANGIOMA
Courtesy Paolo Sbano MD

Before and After pictures


POIKILODERMA OF CIVATTE
Courtesy Paolo Sbano MD


COUPEROSE - CAPILLARIES
Courtesy Paolo Sbano MD


SPIDER ANGIOMA
Courtesy Paolo Sbano MD


COUPEROSE - REDNESS
Courtesy Paolo Sbano MD

Advantages

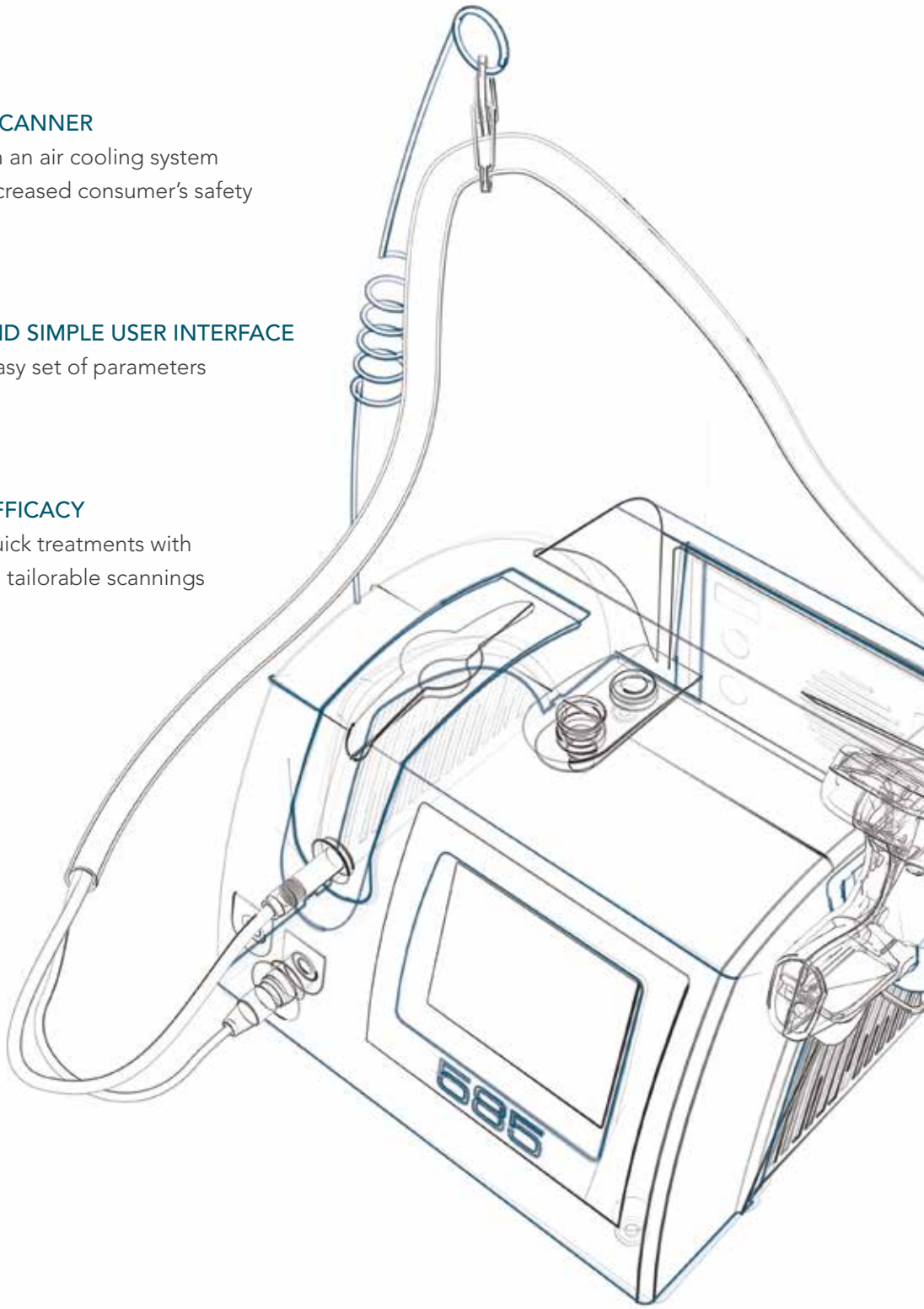
MAINTENANCE-FREE SOLID STATE 585NM LASER
Target benign dermatological vascular and pigmented lesions at zero maintenance costs

COMPACT AND PORTABLE DEVICE
For an outstanding space-saving solution

POWERFUL SCANNER
Equipped with an air cooling system adaptor for increased consumer's safety

INTUITIVE AND SIMPLE USER INTERFACE
For fast and easy set of parameters

MAXIMUM EFFICACY
Precise and quick treatments with automatic and tailorable scannings



Technical Specifications

Wavelength (nm)	580 ± 6
Power (nominal) (W)	up to 5
Emission mode	CW - Pulsed - Burst
Pulse duration (ms)	0.25 ÷ 8000 (±3%) *Limited with Scanner: 1 - 100 ms*
Repetition rate (Hz)	0.095 ÷ 2000
Aiming beam	Red, class 3R
Laser delivery	Optical fiber
User interface	Touchscreen
Spot size (mm)	0.5; 1; 1.5; 3
Electrical requirements	100 - 240 Vac; 50/60 Hz; 350 VA
Dimensions and weight	254 mm (H) x 324 mm (W) x 362 mm (D); 13 kg

OptiScan (optional)

Number of patterns	9
Max scan dimension (mm)	up to 18x18
Spot size (mm)	1
Fill modes	Adjacent, spread, spread half, random
User interface	Touchscreen

Quanta System

This brochure is not intended for the U.S. market.
Certain Intended Uses/Configurations/Models/Accessories are not cleared for U.S.

NAYEL MEDICAL

Nayel Medical is the exclusive distributor for Quanta System Aesthetic Lasers in UAE

DANGER - VISIBLE AND INVISIBLE LASER RADIATION
Avoid eye or skin exposure to direct or scattered radiation | Laser product: Class 4 | Aiming beam: Class 3R

Note: National local authorities may put restrictions to the parameters indicated in the table in the previous page, or may limit or remove certain intended uses. Specifications are subject to change without notice.

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