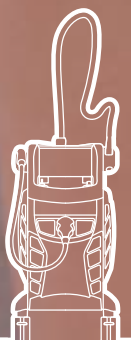


Quanta System

Light
EVO Series



The image shows a three-panel view of a medical laser device. The top panel shows a black handpiece connected to a grey machine. The middle panel shows the control panel with a screen displaying 'Quanta System' and a 'Light EVO' label. The bottom panel shows the machine on wheels.

Light-EVO Series

*Multiple Wavelengths
for the Highest Challenges
in Laser Applications*

Light - EVO Series has been developed to satisfy the needs of practitioners and clinics, to perform a wide range of dermatologic and aesthetic applications by using a single device, instead of purchasing different lasers.

The system can include different pulsed laser sources, such as **Alexandrite 755 nm**, **Nd:YAG 1064 nm**, **Nd:YAG 532 nm** and **Nd:YAG 1320 nm** (optional).

The large variety of available handpieces, with different variable and fixed spot sizes, gives the possibility to perform quick and effective treatments by choosing the appropriate fluence.

The laser emission parameters can be easily set, allowing effective treatment of any skin type.

Light - EVO Series, via the special Twain universal connector, can be upgraded with a **Er:YAG 2940 nm** and **IPL** handpieces enhancing the treatment flexibility and versatility.

Due to its modularity, **Light - EVO Series** is ideal for a quick return of investment.

Configurations

LIGHT A & DOMINO

Pulsed Alexandrite 755 nm

Indications

- Permanent hair reduction of I-IV skin phototypes
- Benign pigmented lesion removal

LIGHT B

Pulsed Nd:YAG 1064 nm

Pulsed Nd:YAG 1320 nm (OPTIONAL)

Indications

- Permanent hair reduction of every skin phototypes
- Dermatological vascular lesions
- Skin rejuvenation
- Inflammatory acne
- Dermatological foot conditions (skin and nails)

LIGHT A STAR

This platform combines Light A, Domino and Light B performances

Indications

It operates at both 755 and 1064 nm, allowing the treatments as described for the Light A and B, respectively.

LIGHT C

Pulsed Nd:YAG 1064 nm

Pulsed Nd:YAG 532 nm

Pulsed Nd:YAG 1320 nm (OPTIONAL)

Indications

It allows the treatments as described for Light B. The addition of Nd:YAG 532 nm permits to cover a wider range of dermatological vascular lesions with great results on both superficial and deeper lesions.

LIGHT 4 V

Pulsed Alexandrite 755 nm

Pulsed Nd:YAG 1064 nm

Pulsed Nd:YAG 532 nm

Pulsed Nd:YAG 1320 nm (OPTIONAL)

Indications

Up to four wavelengths "all in one unit" for the maximum flexibility. A complete system which allows to perform all the treatments indicated for Light A, Domino, Light B and Light C.

Before and After pictures



PERMANENT HAIR REDUCTION

Courtesy Emilio Bonizzoni MD



PERMANENT HAIR REDUCTION

Courtesy Emilio Bonizzoni MD



BENIGN PIGMENTED LESIONS

Courtesy Emilio Bonizzoni MD

Before and After pictures



DERMATOLOGICAL VASCULAR LESIONS

Courtesy Paolo Sbano MD



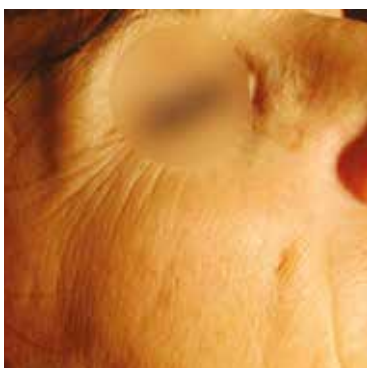
DERMATOLOGICAL VASCULAR LESIONS

Courtesy Paolo Sbano MD



DERMATOLOGICAL VASCULAR LESIONS

Courtesy Paolo Sbano MD



SKIN REJUVENATION

Courtesy Ilaria Benetazzo MD

Optional Accessories



Nd:YAG 1320 nm

Optional for Light B, Light C, Light A Star and Light 4V. It is a Nd:YAG @ 1320 nm, very effective for non-ablative skin rejuvenation and for scars treatments.

TWAIN CONNECTOR

Light - EVO Series, through the special Twain universal connector, can be equipped with Twain 2940 and Twain IPL handpieces.

TWAIN 2940

Twain 2940 is a laser handpiece that fits to the Twain universal connector present on the Quanta System EVO platforms. It has been designed to perform ablation procedures, both fractional and full spot.



The Er:YAG laser @ 2940 nm is able, through the variation of pulse parameters, to remove the layers of skin with minimal thermal damage or produce a higher coagulation suitable for the stimulation of collagen production.

FRACTIONAL

- Skin resurfacing
- Traumatic and acne scars
- Epidermal dyschromia
- Sun and age spots
- Wrinkles and fine lines

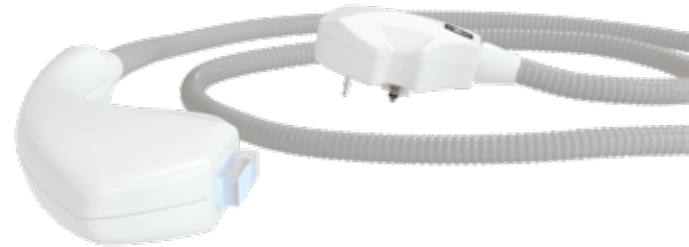
FULL SPOT

- Skin ablation
- Full skin resurfacing

TWAIN IPL

Light - EVO Series can be equipped with Twain IPL handpieces. The contact skin cooling and the 6 range of wavelengths available, expand treatments flexibility and versatility.

- Permanent hair reduction
- Benign pigmented lesions
- Skin rejuvenation procedures
- Dermatological vascular treatments
- Active acne



Integrated Contact SKIN COOLER

The contact Skin Cooler provides skin cooling during laser treatment, effectively reducing the pain and allowing the use of the proper fluencies especially for vascular lesions treatments to reduce potential side effects.



SKIN CRYO

The Skin Cryo handpiece is intended to work in combination with an external compatible air cooling unit to provide a cold air flow designed for the reduction of pain and thermal injury on skin tissue.



Technical Specifications

LASER	Nd:YAG Pulsed	FD Nd:YAG Pulsed	Alexandrite Pulsed
Wavelength (nm)	1064	532	755
Pulse width (ms)	0.3 ÷ 300*	2 ÷ 50*	0.3 ÷ 300*
Burst mode	up to 3 pulses Ton and Toff selectable	N/A	up to 3 pulses Ton and Toff selectable
Max fluence (J/cm ²)	500	95	120 (for Domino up to 198)
Repetition rate (Hz)	up to 10	5***	up to 10 (for Domino up to 7)
Optional spot sizes** (mm)	2 ÷ 5, 6, 8, 10, 12, 14, 16	2 ÷ 5, 6, 7	6, 8, 10, 12, 14, 16; (for Domino up to 20)
Beam delivery	Optical fiber with detachable handpieces		
Skin cooling system	Integrated skin cooler (optional) or air cooling handpiece adaptor (optional)		
Electrical requirements	3.7 kVA, 200-240 Vac; 50/60 Hz		
Dimensions and weight	530 mm (W) x 1043 mm (D) x 1060 mm (H); 150 kg		
Notes	<p>*The pulse width range can change depending on repetition rate</p> <p>**Some spot sizes may not be available in certain Countries</p> <p>***The available repetition rate may be 1 Hz in certain Countries</p>		

OPTION	Twain 2940	Twain IPL						Nd:YAG 1320*
Source	Er:YAG	IPL handpiece						Nd:YAG
Wavelength (nm)	2940	650-1200	625-1200	590-1200	570-1200	550-1200	400-1200	1320
Pulse width (ms)	0.3 ÷ 1	5 - 40 (pulses train duration up to 240 ms)						5 - 10
Max Fluence (J/cm ²)	95	up to 25						up to 35
Repetition rate (Hz)	up to 6	0.5						up to 5
Spot size (mm)	2, 4, 9 (normal) 9 fractional	48x13 mm ² - 25x13 mm ²						6, 8, 10
Notes*	Nd:YAG 1320 option available for Light A Star, Light B, Light C, Light 4 V							

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 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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