



Quanta System Granta System



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





DERMATOLOGICAL VASCULAR LESIONSCourtesy Paolo Sbano MD





BENIGN PIGMENTED LESIONSCourtesy Emilio Bonizzoni MD

Before and After pictures





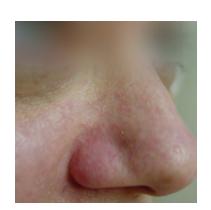
DERMATOLOGICAL VASCULAR LESIONSCourtesy Paolo Sbano MD





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DERMATOLOGICAL VASCULAR LESIONSCourtesy Paolo Sbano MD





SKIN REJUVENATIONCourtesy 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/cm²)	500 (software limited)	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	*The pulse width range can change depending on repetition rate **Some spot sizes may not be available in certain Countries ***The available repetition rate may be 1 Hz in certain Countries							

OPTION	Twain 2940	Twain IPL							
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)							
Max Fluence (J/cm²)	10	up to 25							
Repetition rate (Hz)	up to 6	0.5							
Spot size (mm)	2, 4, 9 (normal) 9 fractional	48x13 mm² - 25x13 mm²							
Notes*	Nd:YAG 1320 option available for Light A Star, Light B, Light C, Light 4 V								

VISIBLE AND INVISIBLE LASER RADIATION

Avoid eye 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 previous page, or may limit or remove certain intended uses. Specifications are subject to change without notice.

Quanta System products are manufactured according to the International standards and have been cleared by the most important International notified bodies.

The Company is UNI EN ISO 9001:2015 and EN ISO 13485:2016 certified. Quanta System S.p.A. was founded in 1985 and belongs to the El. En. Group (a public company listed in the Star segment of the Italian Stock Exchange) since January 2004.

The company, divided into three business units (medical, scientific and industrial) is specialized in manufacturing of laser and opto-electronic devices.



BRO-LIGHTEVO-rev003-ROTW