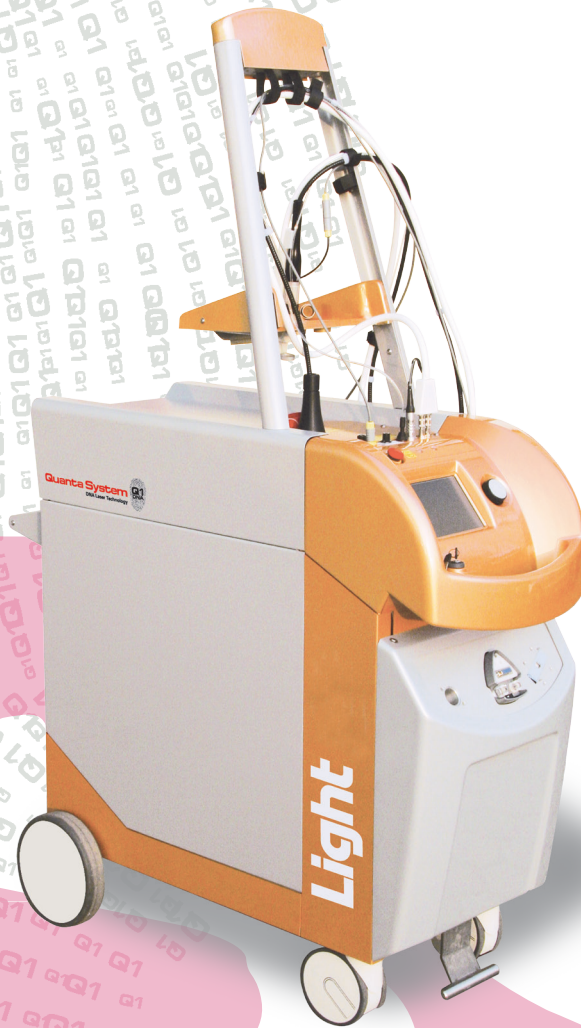


# Light & Ultrawave Series

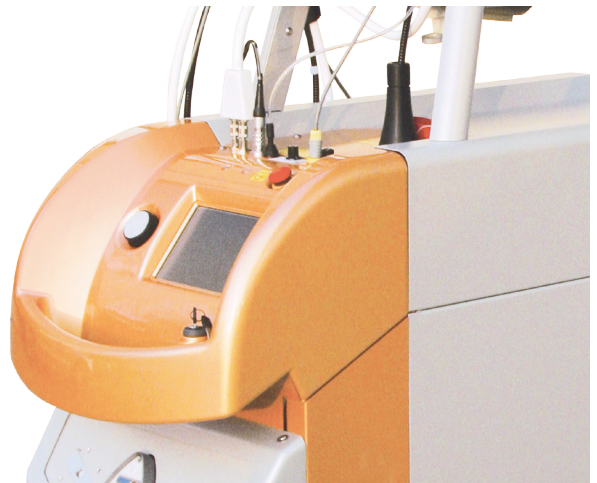
## Multiple Wavelengths for the most Challenging Laser Applications

- REMOVAL OF UNWANTED HAIRS (1064nm + 755nm)
- COAGULATION AND HEMOSTASIS OF BENIGN VASCULAR LESIONS (1064nm + 532nm)
- PERIORBITAL AND PERIORAL WRINKLES, FINE LINES AND WRINKLES (1320nm)



# Light & Ultrawave Series

Multiple Wavelengths for the most Challenging Laser Applications



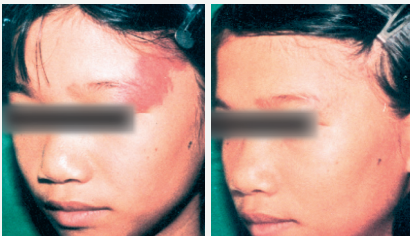
### Hair removal



Before

After 5 treatments

### Vascular lesions



Before

After

### Vascular



Before

After 3 treatments

### Fine Lines and Wrinkles



Before

After

**Light / Ultrawave Series** has been developed to satisfy the needs of doctors and clinics, which today can perform a wide range of dermatologic applications by using just one device, instead of purchasing different lasers.

Systems can include different laser sources, such as a **Alexandrite (755 nm)**, a **Nd:Yag 1064 nm**, a **Nd:Yag 532 nm** and a **1320 nm**.

The large variety of available handpieces, with different variable and fixed spot sizes, gives the possibility to perform quick treatments by choosing the ideal fluence. The laser emission parameters can be easily set allowing effective treatments of any skin type.

Light/Ultrawave Series can mount or be upgraded with a IPL handpiece enhancing flexibility and versatility.

Due to its modularity and flexibility, the Light/Ultrawave Laser Series allows a quick pay-back of the investment.



2-5 mm variable spot size



Integrated optional contact skin cooler

**VISIBLE AND INVISIBLE LASER RADIATION**

Avoid eye or skin exposure to direct or scattered radiation

Class 4 laser product

Maximum Energy	50J / 50J / 3J
Pulse duration	100ms / 100ms / 25ms
Wavelengths	755nm / 1064nm / 532nm
Aiming beam	Class 3R <4mW@650nm

Standard IEC/EN 60825-1: 2007



CAUTION - Laser radiation when open and interlocks defeated

# Light & Ultrawave Series

Model	Ultrawave 755	Ultrawave 1064		Light A* - UltraWave II		
Laser	Alexandrite	Nd:YAG		Nd:YAG		
Wavelength [nm]	755	1064 long pulse	1064 short pulse	755	1064 long pulse	1064 short pulse
Pulse width [ms]	2-100	3-300	0.3-0.8	2-100	3-300	0.3-0.8
Repetition rate [Hz]	up to 1,5	up to 2	up to 7	up to 2	up to 2	up to 7
Spot size [mm]	up to 16	up to 12	up to 8	up to 16	up to 12	up to 8
Max fluence [J/cm <sup>2</sup> ]	up to 25 @ 14 mm	up to 480 @ 4 mm	up to 25 @ 5 mm	up to 25 @ 14 mm	up to 480 @ 4 mm	up to 25 @ 5 mm
Skin cooler	Integrated (Optional)					
Electrical requirements	220 - 230 V AC; 16 A; 50-60 Hz					
Dimensions and weight	900(W) x 480 (L) x 930 (H) mm <sup>3</sup> ; 85-90 Kg					

OPTIONS	1320 nm	IPL					
Source	Nd:YAG	IPL handpieces					
Wavelength [nm]	1320	650-1200	625-1200	590-1200	570-1200	550-1200	400-1200
Pulse width [ms]	5 - 10	5-240					
Spot size [mm]	up to 8	13x48 mm <sup>2</sup> - 13x25 mm <sup>2</sup>					up to 8
Fluence [J/cm <sup>2</sup> ]	up to 35 @ 6 mm	up to 30					up to 20
Repetition rate [Hz]	up to 5	0,5	0,5	0,5	0,5	0,5	0,5

Model	Light 4 V - UltraWave III			
Laser	Alexandrite	Nd:YAG		
Wavelength [nm]	755	1064 long pulse	1064 short pulse	532
Pulse width [ms]	2 - 100	3-300	0.3-0.8	up to 25
Repetition rate [Hz]	up to 1,5	up to 2	up to 7	1
Spot size [mm]	up to 16	up to 12	up to 8	up to 6
Max fluence [J/cm <sup>2</sup> ]	up to 25 @14 mm	up to 400 @ 4 mm	up to 25 @ 5 mm	up to 95 @ 2 mm
Skin cooler	Integrated (Optional)			
Electrical requirements	220 - 230 V AC; 16 A; 50-60 Hz			
Dimensions and weight	900(W) x 480 (L) x 930 (H) mm <sup>3</sup> ; 85-90 Kg			

**CE**  
**0476**

The information provided about clinical applications represent a general overview for the described products. National health care regulations vary between countries and may exclude certain clinical applications at your location. The user assumes responsibility to be updated about national deviations from the listed applications.

**Rx Only**

Quanta System's products are manufactured according to the International standards and have been cleared by the most important International notified bodies. The Company is EN ISO 9001:2008 and EN ISO 13485:2012 certified. Quanta System S.p.A. was founded in 1985 and belongs to the EI. En Group (a public company listed on the Star segment of the Italian Stock Exchange) since January 2004. The company, divided into three business units (scientific, industrial and medical) is specialized in laser and opto-electronic devices.

## MEDICAL DIVISION

### The Q1 Imprinting

Q1 DNA is the philosophy that characterises Quanta System products. Each machine is the perfect synthesis (100% Q1) of Human Intelligence and technological know-how, two factors that make the development of innovative laser technologies a natural process at Quanta System.

### Innovative Philosophy

Quanta System produces lasers and laser systems for a wide range of scientific, medical and industrial applications. DNA Laser Technology is not just a marketing promise, It is also a way of thinking, working, and creating values to be shared, it is a concrete and profound commitment, the corporate policy of an expert and determined group which makes technological research its mission every day.



D N A L A S E R T E C H N O L O G Y



### Research & Innovation

Innovation is a primary asset. Quanta System continually contributes to scientific progress step by step building up scientific knowledge.

### Assistance and Service

Quanta System listens carefully to its clients throughout all the phases of design and development, product assistance and solutions. Its natural inclination as a company is that of always making itself available to the laser community with a great sense of service and ingenuity.

### Building values

Quanta System translates its of unique features, differentiation and DNA Laser Technology into seven universal key values. These values express the strength of a united group with its sights on the future, thus becoming a research engine for change and innovation.

### Autonomy

The products are all conceived, designed, created, and distributed by Quanta System: guaranteeing the autonomy of DNA Laser Technology worldwide.

### Flexibility

Quanta System is a dynamic, versatile, and open minded company, constantly focussed on action and change.

### Strategic Growth

Quanta System opens up the pathway for the evolution of laser technology: improving the world and ourselves.

### Technology

Technology is the most important driving factor of a company that has always focussed on excellence in the medical, industrial and scientific fields.

### Multicultural

Quanta System breaks down every cultural and geographic barrier. Its laser technology represents an instrument for ensuring a better future for millions of human beings.



Distributor

### Quanta System S.p.A

Via IV Novembre, 116 - 21058 Solbiate Olona (VA) Italy  
Tel. +39 0331.376797 - Fax +39-0331.367815  
quanta@quantasystem.com  
www.quantasystem.com

**Quanta System**  
DNA Laser Technology

