

Eterna Giovinezza Silk Light

IPL Series Optimized for Best Results, Comfort and Safety

HAIR REMOVAL
SKIN REJUVENATION
PIGMENTED LESIONS
VASCULAR LESIONS
ACTIVE ACNE TREATMENTS



Quanta System
DNA Laser Technology



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ACTIVE ACNE TREATMENTS

The Eterna Giovinezza and the Silk Light series are medical and aesthetic Pulsed Light systems. They have been developed by Quanta System in co-operation with worldwide researchers having many years of experience in skin-photonics applications. Both Series are very flexible and powerful. Their efficacy is clinically proven with new treatment opportunities to

increase the professional success, granting the desired clinical results.

Quanta's IPLs are based on a proprietary technology producing pulses with the highest fluences now available on the market.

All Eterna Giovinezza models are equipped with Magic connectors for fast handpiece replacement



ETERNA GIOVINEZZA

Standard Version: IPL tower, equipped with one handpiece fixed or fixed cooled or with interchangeable waveguides, touch screen panel, suggested pre-set protocols.

Plus Version: IPL tower, equipped with two handpieces, fixed or one fixed cooled or with interchangeable waveguides, touch screen panel, suggested pre-set or protocols.

SILK LIGHT

Table Top IPL: a portable model equipped with one handpiece, fixed or interchangeable waveguides, touch screen panel, suggested pre-set protocols.

Silk Light is compact and powerful, ideal for easy transportation



FILTERS AVAILABLE FOR ALL VERSIONS AND MODELS:

Wavelengths	Applications
650–1200 nm	Hair removal for dark skins (F+FC+I)
625–1200 nm	Hair removal standard (F+FC+I)
590–1200 nm	Hair removal and skin rejuvenation for skin type III-V (F+FC+I)
570–1200 nm	Skin rejuvenation for skin type I - III (F+FC+I)
550–950 nm	Vascular and pigmented lesions (F+FC+I)
400–1200 nm	Active acne treatments (F+FC+I)

F = Fixed handpiece
FC = Fixed cooled handpiece
I = Interchangeable waveguides

MAXIMUM FLUENCE AVAILABLE WITH INTERCHANGEABLE WAVEGUIDES

Wavelengths	Waveguides	Maximum fluence
650–1200 nm	48x13 mm ²	25 J/cm ²
650–1200 nm	25x13 mm ²	25 J/cm ²
625–1200 nm	48x13 mm ²	25 J/cm ²
625–1200 nm	25x13 mm ²	25 J/cm ²
590–1200 nm	48x13 mm ²	25 J/cm ²
590–1200 nm	25x13 mm ²	25 J/cm ²
570–1200 nm	48x13 mm ²	25 J/cm ²
570–1200 nm	25x13 mm ²	25 J/cm ²
550–950 nm	48x13 mm ²	25 J/cm ²
550–950 nm	25x13 mm ²	25 J/cm ²
400–1200 nm	48x13 mm ²	25 J/cm ²
400–1200 nm	25x13 mm ²	25 J/cm ²



Interchangeable handpiece and waveguides



Eterna Giovinezza Silk Light

THE MAIN FEATURES OF ETERNA GIOVINEZZA AND SILK LIGHT

They are intense pulsed light systems able to provide a broad range of wavelengths interacting with the skin. Thanks to special interchangeable waveguides or handpieces, it is possible to treat a wide range of skin problems, while targeting specific chromophores (such as blood, melanin and water) with the right wavelengths, fluence and pulse duration.

The Eterna Giovinezza and Silk Light are clinically proven and very effective. The applications result extremely fast, thanks to the high repetition rate and the big spot sizes available (13x48 mm² and 13x25 mm²).

The treatments are comfortable and safe thanks to the advanced burst pulse structure of Eterna Giovinezza and Silk Light that are able to optimize the emission of the energy to the skin avoiding any dangerous peak typical of traditional IPL technology. The comfort can be also improved by the powerful integrated skin cooler available on request for fixed handpieces.

Quanta's Pulsed Light technology uses a special pulse emission optimized for best results, comfort and safety of the patients. It has been developed to prevent the overheating of the pigmented epidermis, by respecting the specific TRT (Thermal Relaxation Time) of each skin target.

For this reason, Quanta's IPLs work either in single pulse or in burst mode (a pulsed emission made of multiple sub-pulses with variable pulse delay), with waveguides having different cut-off wavelengths in order to increase the skin target selectivity, thus avoiding thermal damage to the surrounding areas. All the relevant protocols are automatically suggested by the software menu.

Moreover, the parameters can also be adjusted by the operators, according to their specific needs and experience.



Eterna Giovinezza
is available in blue and peach colors

Hair removal



Before



After 4 treatments

Active acne



Before



After 4 treatments

Hair removal



Before



After 3 treatments

Spider nevus



Before



After 1 treatments

Skin rejuvenation



Before



After 3 treatments

Eterna Giovinezza Silk Light

ETERNA GIOVINEZZA	
Source	Intense Pulsed Light
Handpieces	650 - 1200 nm for dark skin hair removal
	625 - 1200 nm standard for hair removal
	590 - 1200 nm for light skin hair removal and dark skin rejuvenation
	570 - 1200 nm for skin rejuvenation
	550 - 950 nm for vascular and pigmentations treatments
	400 - 1200 nm for acne treatments
Skin cooling	on fixed handpieces (optional)
Spot size	48x13 mm ² - 25x13 mm ²
Max fluence	30J/cm ² @ 48x13 mm ² - 40J/cm ² @ 25x13 mm ²
Pulse duration	variable from 3 ms to 240 ms
Burst mode operation	up to 5 pulses, with variable pulse duration
Repetition rate	up to 1 pulse every 2 seconds
Dimensions and weight	480 (W) x 480 (L) x 1100 (H) mm ³ ; 50 Kg
Electrical requirements	200-230 V AC; 12A; 50/60 Hz

SILK LIGHT						
Application	Active acne treatments	Pigmented and vascular lesions	Skin rejuvenation	Hair removal and skin rejuvenation	Hair removal (standard)	Hair removal for dark skins
Handpieces	400 - 1200 nm	550 - 950 nm	570 - 1200 nm	590 - 1200 nm	625 - 1200 nm	650 - 1200 nm
Skin cooling	on fixed handpieces (optional)					
Pulse duration	3 - 240 ms					
Repetition rate	up to 1 pulse every 3 seconds					
Spot size	48x13 mm ² - 25x13 mm ²					
Max fluence	30J/cm ² @ 48x13 mm ² - 40J/cm ² @ 25x13 mm ²					
Electrical requirements	200-230 V AC; 12A; 50 / 60 Hz					
Dimensions and weight	450 (W) x 440 (L) x 250 (H) mm ³ ; 23 Kg					

Specifications are subject to change without notice.

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 UNI EN ISO 9001:2000 and UNI EN ISO 13485:2004 certified.

Quanta System S.p.A. was founded in 1985 and belongs to the El.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.

