

## ETERNA GIOVINEZZA ES SILK LIGHT ES

### ETERNA GIOVINEZZA ES

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
Spot size	48x13 mm <sup>2</sup> - 25x13 mm <sup>2</sup>
Max fluence	30J/cm <sup>2</sup> @ 48x13 mm <sup>2</sup> - 40J/cm <sup>2</sup> @ 25x13 mm <sup>2</sup>
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
Electrical requirements	220-230 V AC; 12A; 50/60 Hz
Dimensions and weight	480 (W) x 480 (L) x 1100 (H) mm <sup>3</sup> ; 50 Kg

### SILK LIGHT ES

Application	Hair removal and skin rejuvenation	Hair removal (standard)	Hair removal for dark skins
Handpieces	590 - 1200 nm	625 - 1200 nm	650 - 1200 nm
Pulse duration	3-240 ms		
Repetition rate	up to 1 pulse every 3 sec		
Spot size	48x13 mm <sup>2</sup> - 25x13 mm <sup>2</sup>		
Max fluence	30J/cm <sup>2</sup> @ 48x13 mm <sup>2</sup> - 40J/cm <sup>2</sup> @ 25x13 mm <sup>2</sup>		
Electrical requirements	220-230 V AC; 12A; 50 / 60 Hz		
Dimensions and weight	450 (W) x 440 (L) x 250 (H) mm <sup>3</sup> ; 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 B.En Group (a public company listed on the Tech-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.

**Quanta System**  
DNA Laser Technology



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## ETERNA GIOVINEZZA ES SILK LIGHT ES

### The Experience in Aesthetic Applications

HAIR REMOVAL  
SKIN REJUVENATION



**Quanta System**  
DNA Laser Technology



## The Experience in Aesthetic Applications

### HAIR REMOVAL SKIN REJUVENATION

Eterna Giovinezza ES and the Silk Light ES series are aesthetic Pulsed Light systems. They have been developed by Quanta System in cooperation with worldwide researchers having many years of experience in skin-photonics applications. Both series are very flexible and powerful. Their efficacy is clinically

proven and provides new treatment opportunities to increase the professional success and to grant the desired clinical results.

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



All Eterna ES models are equipped with magic connectors for fast handpiece replacement.

#### ETERNA GIOVINEZZA ES

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

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

#### SILK LIGHT ES

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



#### FILTERS AVAILABLE FOR ALL VERSIONS AND MODELS:

Wavelengths	Applications
650–1200 nm	Hair removal for dark skins (F+I)
625–1200 nm	Hair removal standard (F)
590–1200 nm	Hair removal and skin rejuvenation (F+I)

F = Fixed handpiece  
I = Interchangeable waveguides

#### MAXIMUM FLUENCE AVAILABLE WITH INTERCHANGEABLE WAVEGUIDES

Wavelengths	Waveguides	Maximum fluence
650–1200 nm	48x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>
650–1200 nm	25x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>
625–1200 nm	48x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>
625–1200 nm	25x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>
590–1200 nm	48x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>
590–1200 nm	25x13 mm <sup>2</sup>	25 J/cm <sup>2</sup>



## ETERNA GIOVINEZZA ES SILK LIGHT ES

#### HOW DO ETERNA GIOVINEZZA ES AND SILK LIGHT ES WORK

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 melanin and water) with the right wavelengths, fluence and timing. The Eterna Giovinezza ES and Silk Light ES are clinically proven and very effective. The applications result extremely fast, thanks to the high repetition rate and the big spot sizes available (13x48 mm<sup>2</sup> and 13x25 mm<sup>2</sup>).

Quanta's Pulse Light technology uses a special pulse emission optimized for best results, comfort and safety. 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.

#### Hair removal



#### Hair removal



#### Skin rejuvenation

