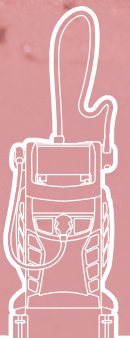


Quanta System

Duetto MT  
EVO Series







# Duetto MT EVO Series

*Alexandrite and Nd:YAG Lasers  
Combined with  
Quanta Mixed Technology®*



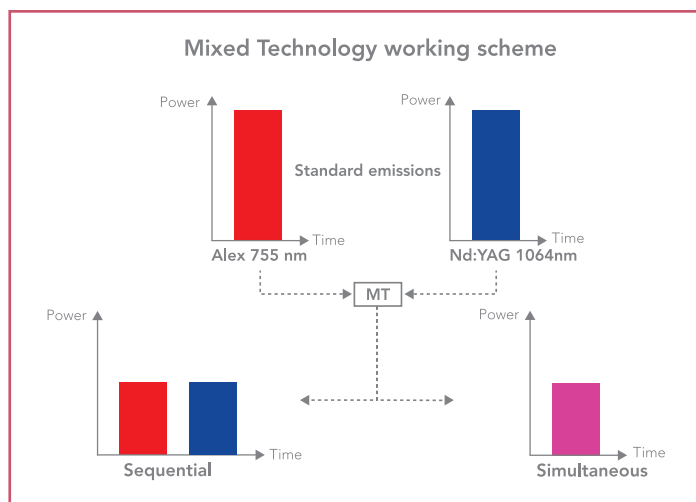
The **Duetto MT – EVO Series** system is based on **Alexandrite** and **Nd:YAG** lasers, **755 nm** and **1064 nm**, in single or combined emissions. Duetto MT can meet the necessities of every consumer by tailoring the treatments in every detail. Big spot sizes, wide range of pulse widths and fast repetition rate together with the exclusive possibility to set the proportion between Alexandrite and Nd:YAG lasers through the **Quanta Mixed Technology®**, make this device one of the most advanced and flexible laser in Aesthetics and Dermatology field especially for the Hair Removal, Vascular and Skin Rejuvenation treatments.

The TWAIN optional handpieces can be installed at any time on the field and can expand the range of applications even more.



## Mixed Technology

The **Quanta Mixed Technology®** performs the largest range of hair removal applications, as well as vascular and rejuvenation treatments. Due to the proprietary Mixed Technology, the **Duetto MT – EVO Series** allows the operator to select easily single or double wavelength emissions, using simultaneous or sequential pulses that can be adjusted according to the consumer's needs.



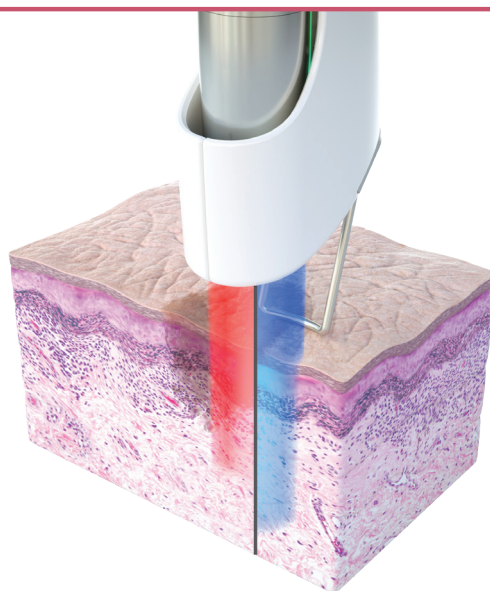
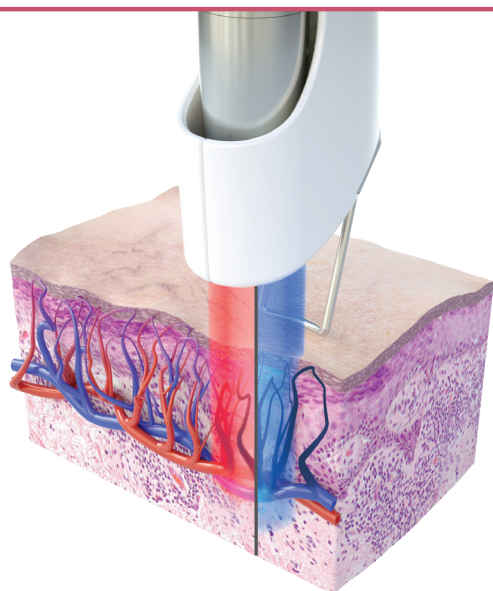
The **Simultaneous Emission** is excellent for Permanent Hair Reduction. The Mixed Technology combines two different laser wavelengths in a single emission with programmable fluence and pulse duration. The synergy of the two wavelengths is able to completely denature the hair follicles with improved safety even in dark skin conditions thanks to the reduced fluences requested. Under these conditions, epidermal temperature is reduced improving consumer's safety.



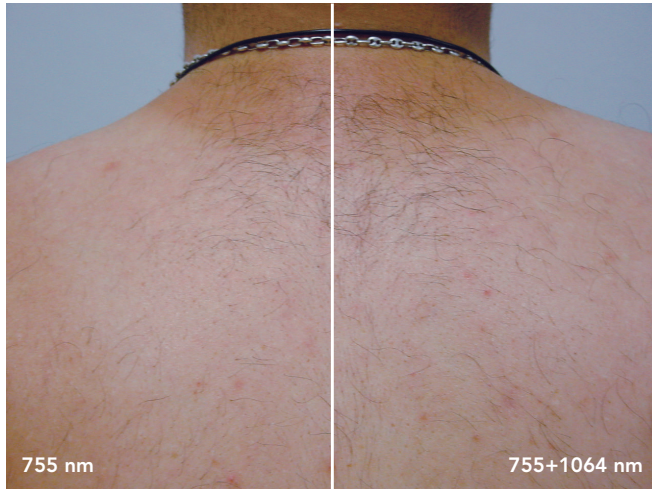
The **Sequential Emission** instead is excellent for Vascular Treatments and Skin Rejuvenation.

The **Vascular** treatment for the removal of facial and leg telangiectasia uses the Mixed Technology to guarantee a best result using the lowest fluences taking advantage of the different absorption of hemoglobin and methemoglobin.

The **Skin Rejuvenation** optimizes the effect Alexandrite has on pigmentations and that one Nd:YAG has on skin tightening just in one session with a significative decrease of session times.



## Before and After pictures



### COMPARATIVE PERMANENT HAIR REDUCTION

755 nm - 755+1064 nm

Courtesy Paolo Sbano MD



### COMPARATIVE PERMANENT HAIR REDUCTION

755 nm - 755+1064 nm - Post 2 treatments, follow-up 4 months

Courtesy Paolo Sbano MD



### PERMANENT HAIR REDUCTION

Courtesy Paolo Sbano MD

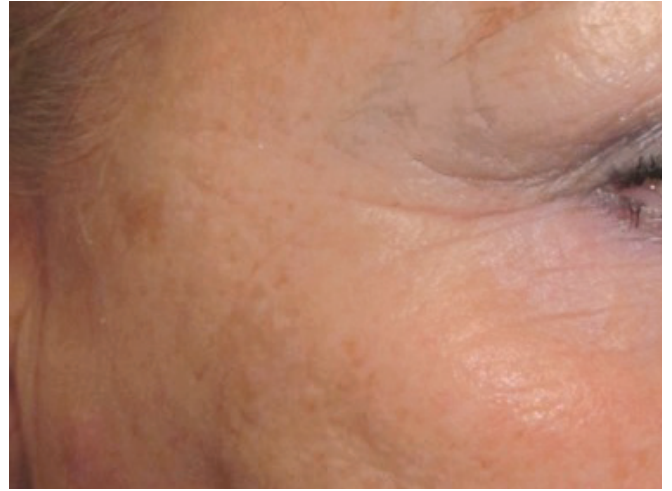
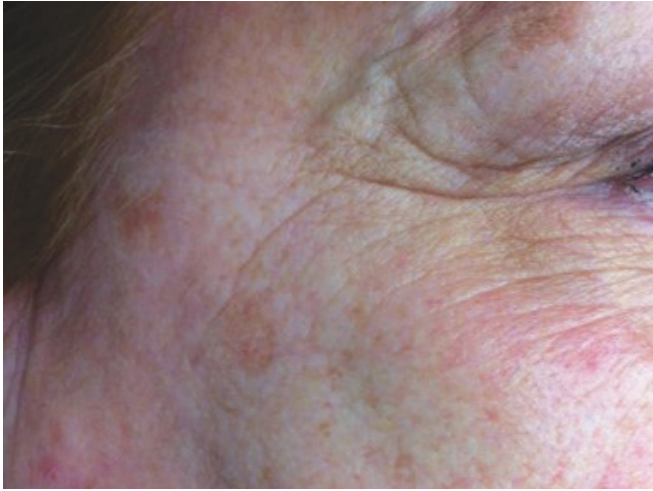


### SKIN REJUVENATION

Courtesy Paolo Sbano MD



## Before and After pictures



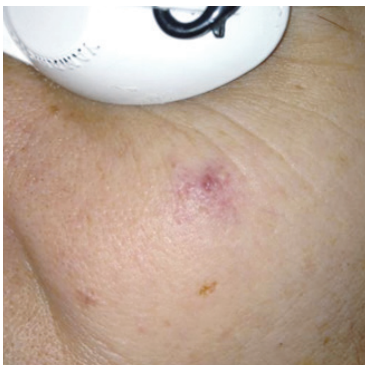
### **SKIN REJUVENATION**

Courtesy Paolo Sbano MD



### **BENIGN VASCULAR LESIONS**

Courtesy Emilio Bonizzoni MD



### **SPIDER ANGIOMA**

Courtesy Emilio Bonizzoni MD

# Optional Accessories



## TWAIN CONNECTOR

Duetto MT - 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

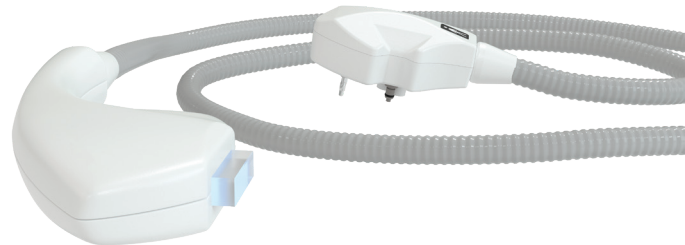
### FULL SPOT

- Skin ablation
- Full skin resurfacing

## TWAIN IPL

Duetto MT - 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.



## SKINCRYO

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	Alexandrite Pulsed	Nd:YAG + Alexandrite Pulsed
Wavelength (nm)	1064	755	1064 + 755
Pulse width (ms)	0.3 ÷ 300*	0.3 ÷ 300*	0.3 ÷ 300*
Burst mode	up to 3 pulses Ton and Toff adjustable	up to 3 pulses Ton and Toff adjustable	up to 3 pulses Ton and Toff adjustable only for simultaneous mode
Max fluence (J/cm <sup>2</sup> )	500	500	500 A + 500 Y
Repetition rate (Hz)	up to 10	up to 10	up to 5
Spot size (optional) (mm)	2 ÷ 5, 6, 8, 10, 12, 14, 16, 18		
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 and mix mode configuration		

OPTION	Twain 2940	Twain IPL					
Source	Er:YAG	IPL handpiece					
Wavelength (nm)	2940	650-1200	625-1200	590-1200	570-1200	550-1200	400-1200
Pulse width (ms)	0.3 ÷ 1	5 - 40 (pulses train duration up to 240 ms)					
Max Fluence (J/cm <sup>2</sup> )	up to 95	up to 25					
Repetition rate (Hz)	up to 6	0.5					
Spot size (mm)	2, 4, 9, 9 fractional	48x13 mm <sup>2</sup> - 25x13 mm <sup>2</sup>					

# Quanta System

This brochure is not intended for the U.S. market.  
Certain Intended Uses/Configurations/Models/Accessories are not cleared for U.S.



*Key Medical Solutions is  
the exclusive distributor for Quanta System  
Aesthetic Lasers in Greece*

## **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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