TRI-BEAM PREMIUM™

Technical Specification

Wavelength	1064/532 nm		
Laser Type	Nd:YAG (Q-Switched)		
Operating Parameters	Q-Switched and Quasi-Long Pulse		
Aiming Beam	Diode Laser 655 nm		
Handpiece Energy Output			
Q-Switched	PTP mode	1064 nm	1.6 Joule
	Top Hat mode	1064 nm	1.2 Joule
		532 nm	450 m Joule
	Gaussian Mode	1064 nm	1.5 Joule
Quasi-Long Pulse		1064 nm	3.5Joule
Pulse Width			
Q-Switched	5 ns - 10ns		
Quasi-Long Pulse	300 µs		
Repetition rate	single shot, 1-20 Hz (pulses per sec.)		
Beam Profile	True Flat Top		
Energy Calibration	Internal		
Spot Sizes (Auto Sensing)	Zoom Handpiece	1064 nm	2 mm ~ 10 mm
		532 nm	2 mm ~ 10 mm
	Collimate Handpiece		7 mm
	Fractional Handpiece		5 mm x 5 mm (81 spots)

System Specification

Weight	242 lb. / 110 Kg.
Dimensions	37.5 in. x 17.3 in. x 37.4 in.
Cooling	Closed cycle water to air heat exchanger
Electrical Requirements	220 V, Single Phase, 50/60 Hz, 20 Amps at 220 V AC

Perigee medical & aesthetic solutions

Exclusive distributor of Jeisys Medical in the U.S.A.

Jeisys

TRI-BEAM PREMIUM™

High Energy Tattoo & Pigment Removal System

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TRI-BEAM PREMIUM™

High Energy Tattoo & Pigment Removal System

One system to treat them all

TRI-Beam Premium is an integrated platform offering you the most reliable and efficient combination of lasers available. You no longer need multiple systems to treat a single multicolor tattoo. The result is a more cost effective platform, greater patient throughput, and a more reliable device. TRI-Beam Premium includes a fractional focused lens array and free-running mode for skin revitalization.

Innovation

Rich-PTP™ (Photo-acoustic Toning Pulse) technology is unique to TRI-BEAM. Even with larger spot sizes (adjustable 2 to 10 mm) Rich-PTP™ mode distributes high peak energy into a rapid double pulse allowing for optimal tissue interaction. Rich-PTP™ mode also optimizes Thermal Relaxation Time for targeted melanosomes when treating melasma. When it comes to comfortably treating even the most difficult tattoos and pigmented lesions, Tri-Beam outperforms the competition.

Versatility

Gen Technique™ is a Quasi-Long Pulse (Pulse width 300 µs) utilizing the 1,064 nm wavelength for deep penetration. Gen Technique™ combines thermal lifting and toning by using the fundamentals of selective-photothermolysis. The peeling effect that results makes Gen Technique™ a phenomenal treatment for skin revitalization and firming.

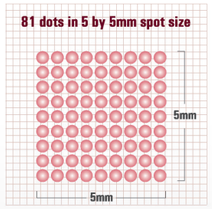
Fractional Mode: Treat with confidence

Fractional Mode delivers a high peak energy pulse while sparing much of the epidermis. By minimizing the possibility of over-treating targeted chromophores and surrounding tissue, Fractional Mode enables users to treat conditions such as, Café au lait, Nevus of Ota and Solar Lentigines with a high level of confidence and minimal side-effects.

TriBeam's proprietary Fractional hand piece serves a unique purpose. Even with optimal wavelengths, energy and pulse widths, Q-Switched Ng:YAG operators still have the propensity to over treat patients with melasma. The slightest adjustments in fluence can exacerbate this skin condition. Tri-Beam Fractional allows for peak energy and absorption into targeted chromophores while reducing bulk heating. This capability leads to faster clearance without recurrence or PIH

"The Fractional hand piece makes Tri-Beam one of the most important new technologies for this year." – Michael Gold, MD

Fractional Laser Skin Treatment

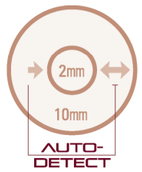


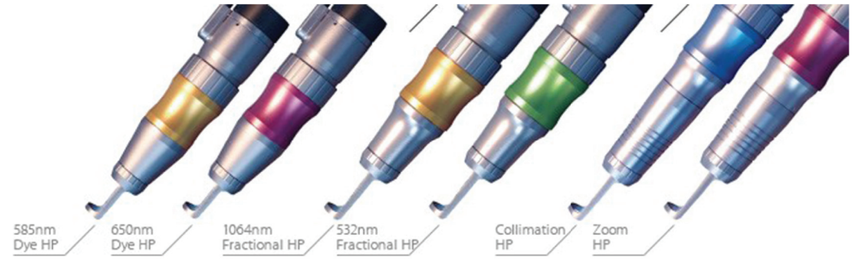
Fractional Handpiece

Multiple Wavelengths and Handpieces

In addition to treating red and orange tattoos, the 532 nm mode is ideal for treating tiny vascular lesions like telangiectasia and cherry angioma. Often described as Laser Skin Toning, Tri-Beam utilizes the 532nm mode as a toning pulse that reduces diffuse epidermal pigmented and vascular lesions.

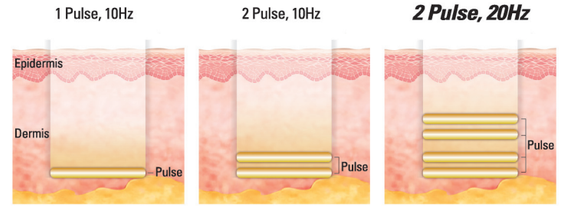
Zoom Handpiece





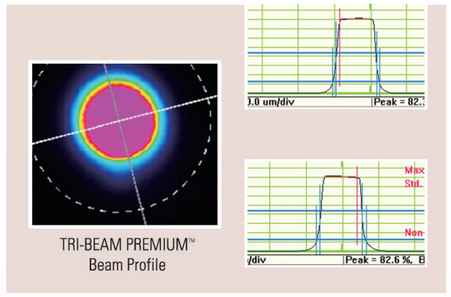
Powerful Rich-PTP™ Double Pulse at 20 Hz

Rich-PTP (Photo-acoustic Toning Pulse) Technology delivers the highest efficacy while minimizing adverse effects for the treatment of Melasma. The double pulse makes for a faster and safer treatment than current laser toning devices.



True Flat-Top or Gaussian Beam Profile

True Flat-Top (Homogenized energy delivery) beam mode ensures proper energy is delivered to tissue throughout the entire pulse. By avoiding spikes or valleys Tri-Beam users observe predictable light-tissue interaction throughout the entire treatment.



TRI-BEAM PREMIUM™ Beam Profile