

HELIOS III™

LOVE YOURSELF LOVE YOUR SKIN

Restore your skin, your confidence,
and your reflection.

- ✓ TATTOO REMOVAL
- ✓ PIGMENTED LESIONS
- ✓ ANTI-AGING





HELIOS IIITM

The HELIOS Series first established two decades ago, is highly recognized as the gold standard of Q-switched Nd:YAG lasers on the market. Through rigorous research and development, it is a landmark in the application of lasers in dermatology.

Equipped with dual wavelengths at 1064nm and 532nm, 5 different modes to opt from and the capabilities to make a positive difference every single time, there is no question why physicians search no further for an avid and reliable solution.

HELIOS III BENEFITS



Wide Variety of Handpieces

Four handpieces to choose from for customized and combination treatment plans



Multiple Treatment Modalities



1064



532



Free
Running



1064 RTP



532 RTP



High ROI

Various treatments suitable to a wider patient audience and zero consumables



Sleek Design

Compact, simple yet elegant design suitable for clinics of all sizes



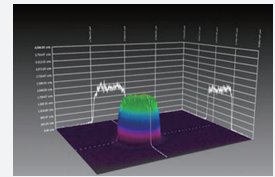
Stable Energy & Pulse Duration

The HELIOS III leaps over the hurdles found in Q-switched Nd:YAG lasers by providing the highest reliability a physician may require. Both short-term and long-term performance of the beam profile enables users to be confident without fear of beam distortion or loss of energy regardless of long periods of use.

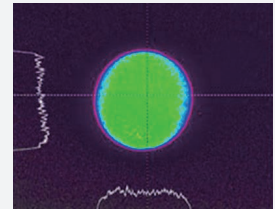
Short-term Output Stability <2% Standard Deviation

Long-term Stability <3% Standard Deviation

Maximum Output Energy: 1.3 Joules (Pulse Duration: 8ns)



Stable Beam Pattern



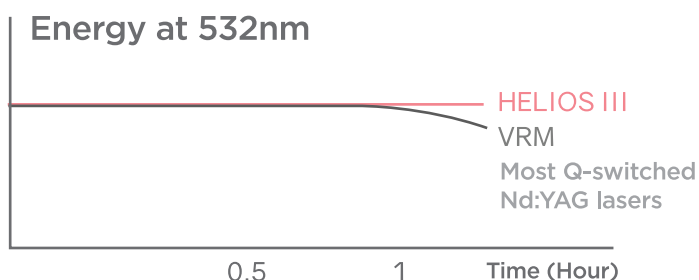
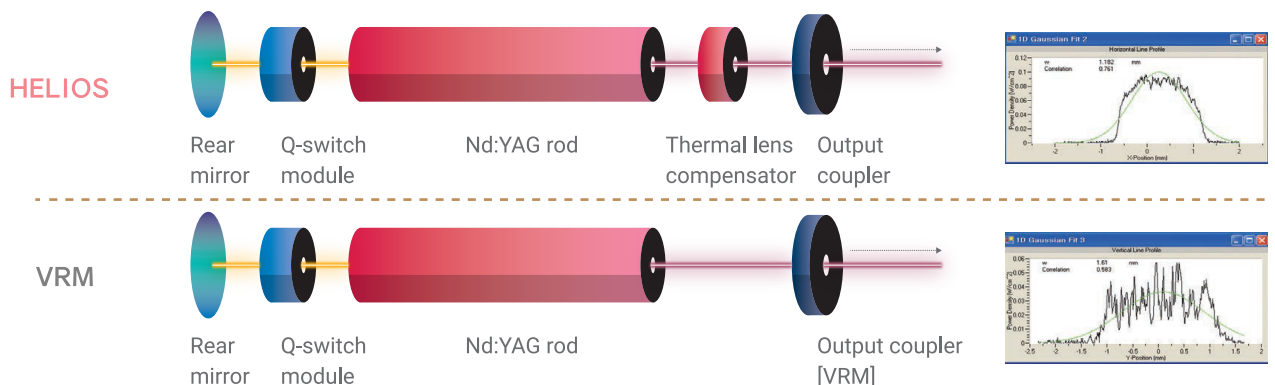
Flat-top Beam Profile

Thermal Lens Compensating Technology

VRM or variable reflective mirror technology is widely deployed in aesthetic solid-state lasers until present, however thermal build-up within the laser's optical path is a common downside which leads to beam distortion and unstable energy output.

LASEROPTEK's proprietary thermal lens compensating technology overcomes this complication and ensures stable laser energy output even when challenged by a combination of high energy, high repetition rates and multiple laser directions over lengthy periods of time.

HELIOS vs VRM (Variable Reflective Mirror)



Real Twin Pulse (RTP) Mode

A game changer and core technology of the HELIOS III, developed in-house by LASEROPTEK, RTP or Real Twin Pulse mode emits a double pulse to the targeted area with precision and speed.

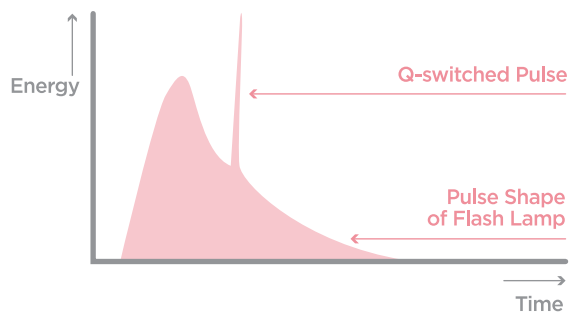
RTP is the optimal solution for providing higher efficacy, less downtime, and minimizing the chance of side effects such as hyper- and hypo-pigmentation from occurring.

Deeper Penetration Depth & Milder Thermal Damage

Maximum Output Energy of 2 Joules

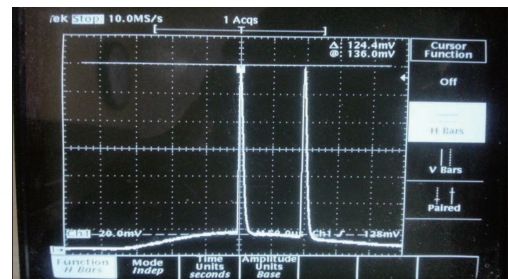
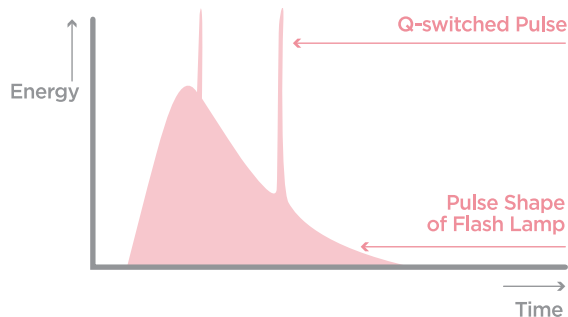
Less Downtime & Minimal Side Effects

Single Pulse



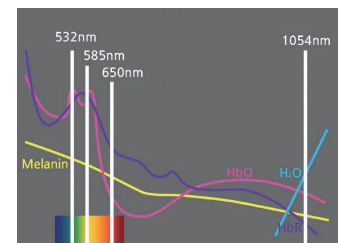
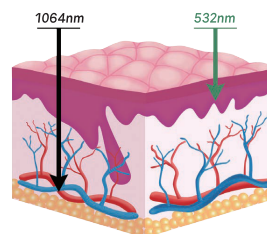
Single Pulse

Real Twin Pulse



Double Pulse (Real Twin Pulse)

Multiple Laser Modes Provide Multiple Treatment Options



Two wavelengths to treat structures at different skin depths.

Equipped with 1064nm and 532nm wavelengths in the gold standard Q-switched Nd:YAG laser, the HELIOS III provides users with five different laser modes to provide an extensive choice of treatment settings. Singular or combinatory treatments using multiple modes, enables users to cover the entire melanin and oxyhemoglobin absorption spectrum.

Handpieces



Why is the *HELIOS III* Unique?



THERMAL LENS
COMPENSATOR



D.O.E
FRACTIONAL
TECHNOLOGY



RTP MODE



FR MODE



MULTI
WAVELENGTHS

Clinically Proven Results

Freckles



Before

After 1 Treatment

Photos Courtesy of Dr. Ganesh S. Pai, India

Active Acne



Before

After

Photos courtesy of Dr. Moon Choi, Canada

Solar Lentigo



Before

After

Photos courtesy of Dr. Moon Choi, Canada

Black Tattoo



Before

After 3 Treatments

Photos courtesy of Dr. Ganesh S. Pai, India

Melasma



Before

After

Photos courtesy of Dr. Moon Choi, Canada

Café-Au-Lait



Before

After

Photos courtesy of Dr. Sun-Chul Choi, South Korea

HELIOS III Specifications

Laser Type	Nd:YAG	
Wavelength	1064nm	532nm
Max Energy	5-10ns	
FR Mode	300µs	
Pulse Energy	Max 1300mJ	Max 500mJ
RTP Mode	Max 2000mJ	Max 500mJ
FR Mode	Max 3000mJ	
Repetition Rate	Max 10Hz	
Spot Sizes	1-8mm, 5mm x 5mm	1-8mm, 4mm x 4mm
Handpieces	Fractional 1064nm, Fractional 532nm, Collimator, Zoom	
Beam Delivery	Articulated arm with detachable handpiece	
Power Requirements	220-230VAC, 50/60Hz	
Dimensions	297mm (W) x 819mm (D) x 936mm (H)	
Weight	80kg (176lb)	

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