

Q-Switched Nd:YAG

Enables Advanced Combination Treatments



7 spot sizes for customized treatments, 4 of which are available also as disposable tips



2mm



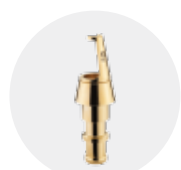
2.5mm



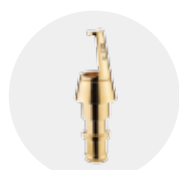
3.5mm



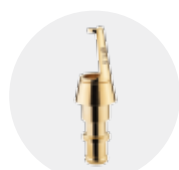
5mm



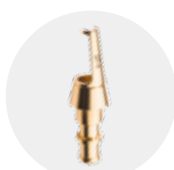
2mm



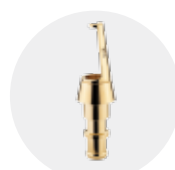
2.5mm



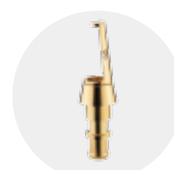
3.5mm



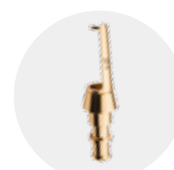
4mm



5mm



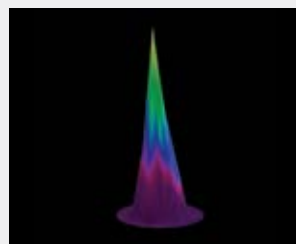
6mm



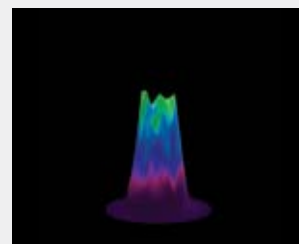
8mm

“Top-Hat” beam profile advantages

- Enhanced treatment safety due to avoidance of bulk heating using the homogenizer
- Top-hat beam profile minimizes epidermal damage, tissue textural changes and the occurrence of scarring
- A lack of an homogenizer might result in hot spots within the beam and increased risk of scarring



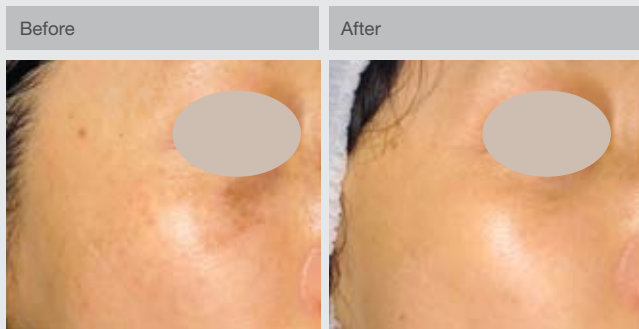
Beam profile side view without an homogenizer



Beam profile side view with an homogenizer for a top-hat beam

For skin toning by treatment of pigmented lesions, dark tattoo removal and advanced combination treatments with other M22 modules

Typical Clinical Results



Courtesy of Hiroki Kanda, MD.



Courtesy of Yuanhong Li, MD.



Courtesy of Michael Oeser, MD.




Courtesy of Moshe Lapidoth, MD.

Specifications

Q-Switched Nd:YAG		Repetition Rate	0.5-5.0 Hz
Wavelength	1064 nm	Spot Size	2, 2.5, 3.5, 4, 5, 6 and 8 mm
Fluence	0.9-14 J/cm ²		
Pulse Duration	6-8 ns		

Warnings and risks

The M22™ Q-Switched Nd:YAG is contraindicated for patients with skin disorders or inflammatory skin conditions. The use of the Q-switch could cause redness, swelling, pigmentation changes. See the system user manual for a complete list of contraindications and risks.



LASER CLASS 4/IV
 Multi Spot-Nd:YAG 1064 nm
 50 J max, 2-20 ns pulse max
 Q-Switched Nd:YAG 1064 nm
 1 J/P 6-8 ns pulse

**VISIBLE AND INVISIBLE LASER RADIATION
 AVOID EYE OR SKIN EXPOSURE TO
 DIRECT OR SCATTERED RADIATION**

CLASS 4 LASER PRODUCT per EN 60825-1/2007
 CLASS IV LASER PRODUCT per 21 CFR 1040.10 & 1040.11
 except for deviations pursuant to Notice 50, Dated June 24, 2007

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Rx ONLY

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For more information: www.lumenis.com



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