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
- 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

Lumenis®
Energy to Healthcare
LUMENIS.COM/AESTHETIC
For skin toning by treatment of pigmented lesions, dark tattoo removal and advanced combination treatments with other M22 modules

**Typical Clinical Results**

<table>
<thead>
<tr>
<th>Before</th>
<th>After</th>
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</thead>
<tbody>
<tr>
<td><img src="image1" alt="Before Image" /></td>
<td><img src="image2" alt="After Image" /></td>
</tr>
<tr>
<td>Courtesy of Hiroki Kanda, MD.</td>
<td>Courtesy of Yuanhong Li, MD.</td>
</tr>
</tbody>
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<tr>
<th>Before</th>
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<tbody>
<tr>
<td><img src="image3" alt="Before Image" /></td>
<td><img src="image4" alt="After Image" /></td>
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<tr>
<td>Courtesy of Michael Oeser, MD.</td>
<td>Courtesy of Moshe Lapidoth, MD.</td>
</tr>
</tbody>
</table>

**Specifications**

- **Q-Switched Nd:YAG**
  - **Wavelength**: 1064 nm
  - **Fluence**: 0.9-14 J/cm²
  - **Pulse Duration**: 6-8 ns

<table>
<thead>
<tr>
<th>Repetition Rate</th>
<th>0.5-5.0 Hz</th>
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<tr>
<td>Spot Size</td>
<td>2, 2.5, 3.5, 4, 5, 6 and 8 mm</td>
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</tbody>
</table>

**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.

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**Laser Safety Information**

- LASER CLASS IV
  - Multi Spot Nd:YAG 1064 nm 50 J max, 20 m pulse max
  - Q-Switched Nd:YAG 1064 nm 1 J 4 m pulse

**Visible and Infrared Laser Radiation**

- Direct or reflected radiation

**Class II Laser Product per EN 60825-1:2007**

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**Rx ONLY**

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For more information: [www.lumenis.com](http://www.lumenis.com)