Q-LAS

THE STANDARD LASER FOR IRIDOTOMY AND CAPSULOTOMY IN YOUR DAILY ROUTINE

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Q-LAS, Nd:YAG Laser
Stable base for all your treatments

Dual spot focus
SAFE FOCUS ALIGNMENT

Pulse energy head up display*
SURGEONS EYES STAY FOCUSED

Perfect view
CONTROLLED SURGERY

Anti collision system
Compartment for all connections

Electronic height adjustment up to 990 mm

Stable and slim design, wheelchair accessible

Ergonomics in form and function

Spacious legroom
The compact system combines laser, table and slit lamp - wheels are available on request.

* This accessory is optional, and available on request only.
Premium eye safety
As a standard, our Q-LAS is equipped with a sharp selective safety filter for:
• true color
• detailed resolution

Your choice:
• brand contact glasses
• the optics: parallel- / convergent

Joystick
Height adjustment, slit lamp mobility and laser trigger in one
Clever details for more comfort

- Burst mode
- Continuous energy levels from 0.5 to 10 mJ
- Prominent buttons, clear, bright display

Choose your favorite eye piece: Either convergent or parallel optics.

Slit lamp PCL5 Z
Specially coated optics with parallel or convergent tube provide a detailed view into the anterior segment

The Neutral Color Design protection filter is permanently installed.

Head-up Display (optional)
Check all the necessary values at a glance - without taking the eyes from the eyepiece.
Are you looking for the special and reliable solution for secondary cataract surgery? The Nd:YAG laser Q-LAS with PCL5 slit lamp leaves little room for alternatives.

DualSpot-Focus for perfect focusing
Ergonomic handling with prominent buttons
Vertical offset of the slit illumination for a larger visual field

Q-LAS combines economics, ergonomics and longevity in an innovative DESIGN.
**MORE OPTIONS: VARIO.**

2 high-class lasers on one table.

Nd:YAG +
KTP laser

SLT +
KTP laser

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**SPECIFICATIONS**

**Nd:YAG LASER Q-LAS**

<table>
<thead>
<tr>
<th>Laser</th>
<th>Nd:YAG, 1064 nm, Q-switched</th>
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<tbody>
<tr>
<td>Output energy</td>
<td>0.5 to 10 mJ, continuous</td>
</tr>
<tr>
<td>Burst mode adjustable</td>
<td>in 3 steps</td>
</tr>
<tr>
<td>Cone angle</td>
<td>16°</td>
</tr>
<tr>
<td>Mode structure</td>
<td>Quasi Gauss</td>
</tr>
<tr>
<td>Plasma formation in air</td>
<td>&lt; 4 mJ</td>
</tr>
<tr>
<td>Focus spot in air</td>
<td>&lt; 10 microns</td>
</tr>
<tr>
<td>Pulse length</td>
<td>4 ns</td>
</tr>
<tr>
<td>Rep. rate, pulses</td>
<td>3 Hz</td>
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<tr>
<td>Cooling</td>
<td>Air</td>
</tr>
<tr>
<td>Q-Switch mode</td>
<td>Passive</td>
</tr>
<tr>
<td>Space requirements</td>
<td>0.5 ml</td>
</tr>
<tr>
<td>Voltage requirements</td>
<td>100 to 240 VAC/50/60Hz, 90 Watt</td>
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<tr>
<td>Laser Class</td>
<td>3b</td>
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**Risks and warnings:**

Q-LAS is intended solely for use by trained physicians.

YAG laser: contraindicated for eyes with corneal pathologies and chronically elevated IOP. Risks include IOP rise, macular edema and retinal detachment. Refer to the operator manual for a complete list of intended use, contraindications and risks.

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A.R.C. Laser certifies that the product complies to 21 CFR 1040.10 and 1040.11 EN 13485/2003 - 93/42 EWG