Q-LAS
Nd:YAG-LASER

A.R.C. LASER
MADE IN GERMANY

YOUR DAILY COMPANION FOR

CAPSULOTOMY & IRIDOTOMY



FOCUS
PRECISION
KEEP IT SIMPLE

1064 nm

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Q-LAS connects

Economy and ergonomics with innovative design

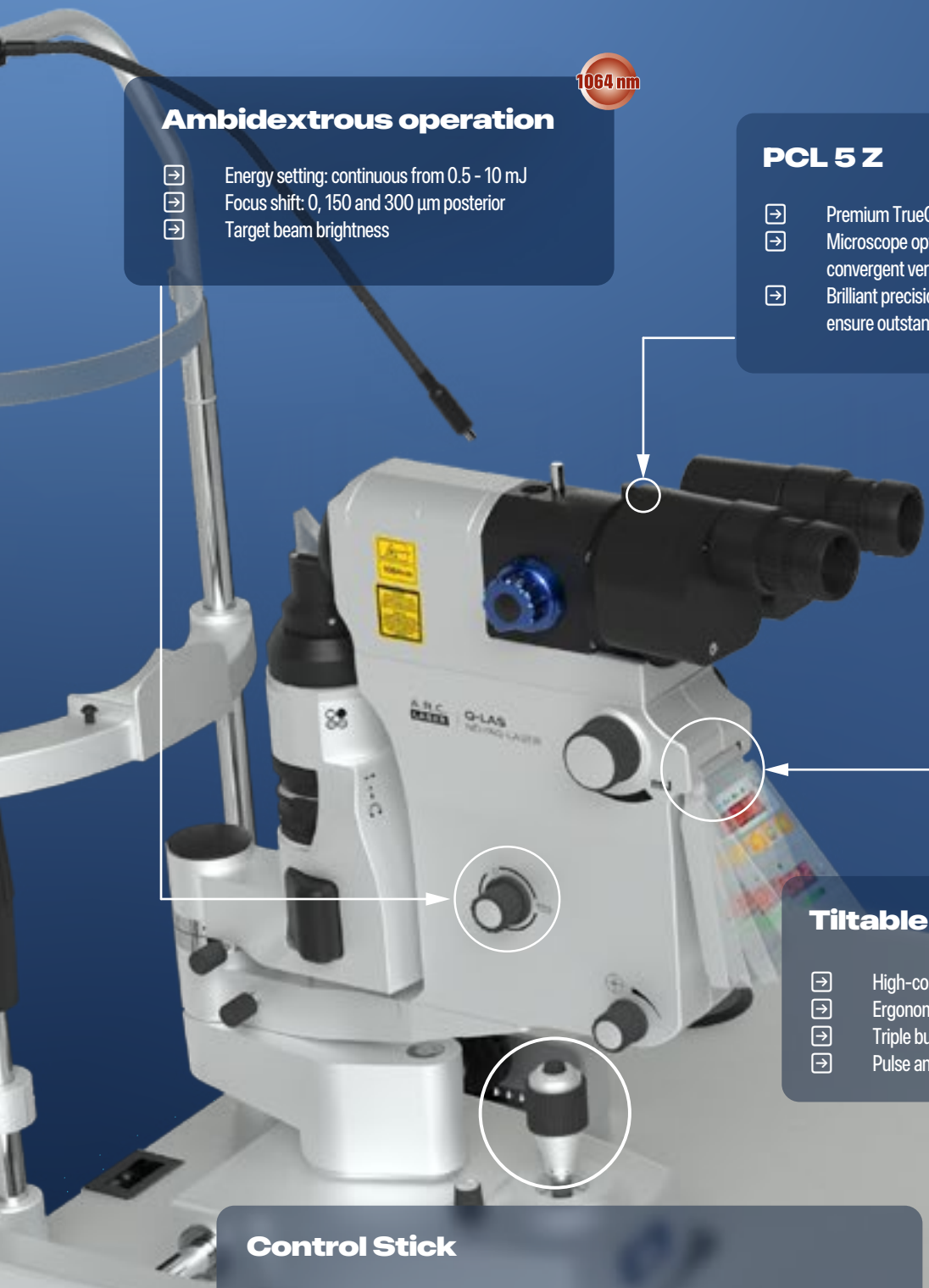
Ambidextrous operation

1064 nm

- Energy setting: continuous from 0.5 - 10 mJ
- Focus shift: 0, 150 and 300 µm posterior
- Target beam brightness

PCL 5 Z

- Premium TrueColour medical protection filter
- Microscope optics parallel as standard, convergent version optional
- Brilliant precision optics for the anterior section of the eye ensure outstanding image quality and a detailed view.



Tiltable control panel

- High-contrast display with individually adjustable brightness
- Ergonomic operation with raised buttons
- Triple burst mode
- Pulse and energy counter

Control Stick

- Height adjustment
- Slit lamp mobility
- Manual release for ergonomic application at max. 3Hz

Focus

Dual-spot aiming beam technology for reliable focusing.



For effortless focusing, a dual aiming beam is utilized, with the two beams arranged vertically to ensure clear visibility, even in challenging conditions. The beam's brightness can be easily adjusted using the control located on the side of the console.

Precision

Perfect illumination and visualization of the capsule

High prism



- Lateral illumination for laser application
- Effective and precise visualization of the capsule
- Optimal slit projection

Standard

Low prism



- Central lighting during laser application

Option

Keep-it-Simple

- Q-LAS offers all the necessary features to safely and effectively treat posterior cataracts and angle-closure glaucoma in your daily routine.

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Outlook for the new Q-LAS D

The most advanced technology for our Q-switched ND:YAG Laser

Thanks to the diode-pumped laser cavity, the Q-Las D offers:

- High pulse-to-pulse stability for consistent and reliable treatments
- World's fastest Nd:YAG laser treatments with up to 4 Hz for all burst modes
- Increased lifetime

A heads-up display and position control slit lamp prism round off the device at the highest level.

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Publisher and copyright

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Q-LAS D

Diode pumped
ND:YAG Laser

A.R.C. LASER
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Advanced
q-switched Laser Technology
for an improved level of efficiency



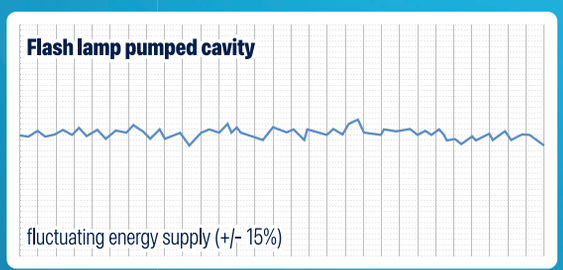
EFFICIENCY
SPEED
FOCUS

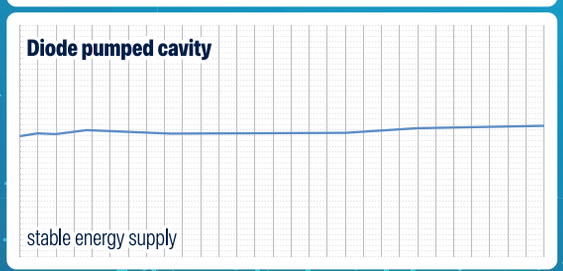
High quality diode technology offers:
High efficiency, prolonged lifetime & fast firing

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Diode pumping stands for high efficiency

- **Great pulse-to-pulse stability thanks to stable energy supply**
  → consistent and reliable treatments
- **No thermal influence on the cavity**
  → no missing pulses
- **Optical properties of q-switch cell are not anymore compromised by UV from flash lamps**
  → reliable technology





Diode technology no longer requires capacitor recharging making the Q-Las-D word's fastest firing Nd:YAG laser with repetition rates up to 4 Hz for all burst modes.

Benefit from high repetition rates:

- Less influence of motion artefacts during the treatment
- Minimized total energy due to less application of defocused ineffective laser exposures
- Minimized treatment time - maximized patient comfort

Unique prism position control

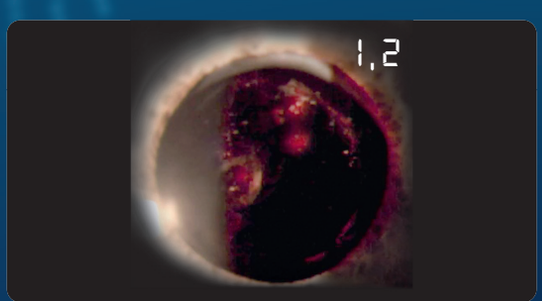




Q-Las ^{D} enables the user to select the LED illumination position of preference

- Lowered prism position:
  Laser can be focused and triggered in central illumination position.
  Clear sight of capsule may be more difficult.
- High prism position:
  Laser can be focused and triggered while the illumination is moved to the side position.
  Clear sight of the capsule and better laser focusing.

Heads-up display



Make energy level changes, without being distracted to the control panel. The energy level is displayed in the eyepiece, with minimal interference in the visual field. At the end of the treatment the total number of exposures will be displayed as well.

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