



# Q-LAS<sup>D</sup>

Diode pumped  
Nd:YAG Laser

# A.R.C. LASER

MADE IN GERMANY



Advanced  
**q-switched Laser Technology**  
for an improved level of efficiency

**EFFICIENCY**

**SPEED**

**FOCUS**

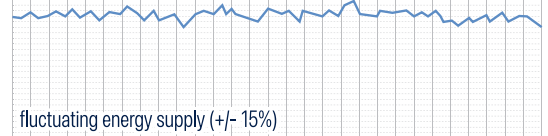


**High quality diode technology offers:**  
High efficiency, prolonged lifetime & fast firing

# 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

Flash lamp pumped cavity



Diode pumped cavity



**Diode technology no longer requires capacitor recharging making the Q-Las-D world'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

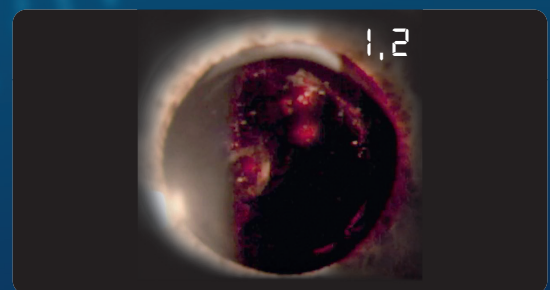
## Unique prism position control



**Q-Las<sup>D</sup> 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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