

**A.R.C.
LASER**

enlighten your surgery.



Q-LAS

THE STANDARD LASER
FOR IRIDOTOMY AND
CAPSULOTOMY
IN YOUR DAILY
ROUTINE

LASER...INNOVATION
MADE IN GERMANY

www.arclaser.de info@arclaser.de

Q - L A S

Capsulotomy - Iridotomy



Trispot Focus
SAFE FOCUS ALIGNMENT

Pulse energy head up display
SURGEONS EYES STAY FOCUSED

Perfect view
CONTROLLED SURGERY

The modern Nd:YAG for ophthalmology.

You do not want to have to swing out the slit illumination during the treatment? The Q-LAS prism is displaced downward to ensure a clear view at your patients eye.

Unique innovations are the Rapid-Trigger-Mode (RTM) for a fast repetition rate and the optional head-up-display: the selected treatment energy is always in your view.

Q-LAS control is in the palm of your hand to treat posterior capsular opacification! Brilliant optics and a stable laser are key to successful treatment. The configuration of the laser delivery and the slit lamp light make it easy to perform a successful capsulotomy.

The Q-Las is specifically designed to treat secondary cataracts and closed-angle glaucoma.

MODERN

Sleek columns – more legroom

Stable base for all your treatments

Ergonomics
in form and
function

Anti collision system

Compartment for all
connections

Electronic
height adjustment
up to 990 mm

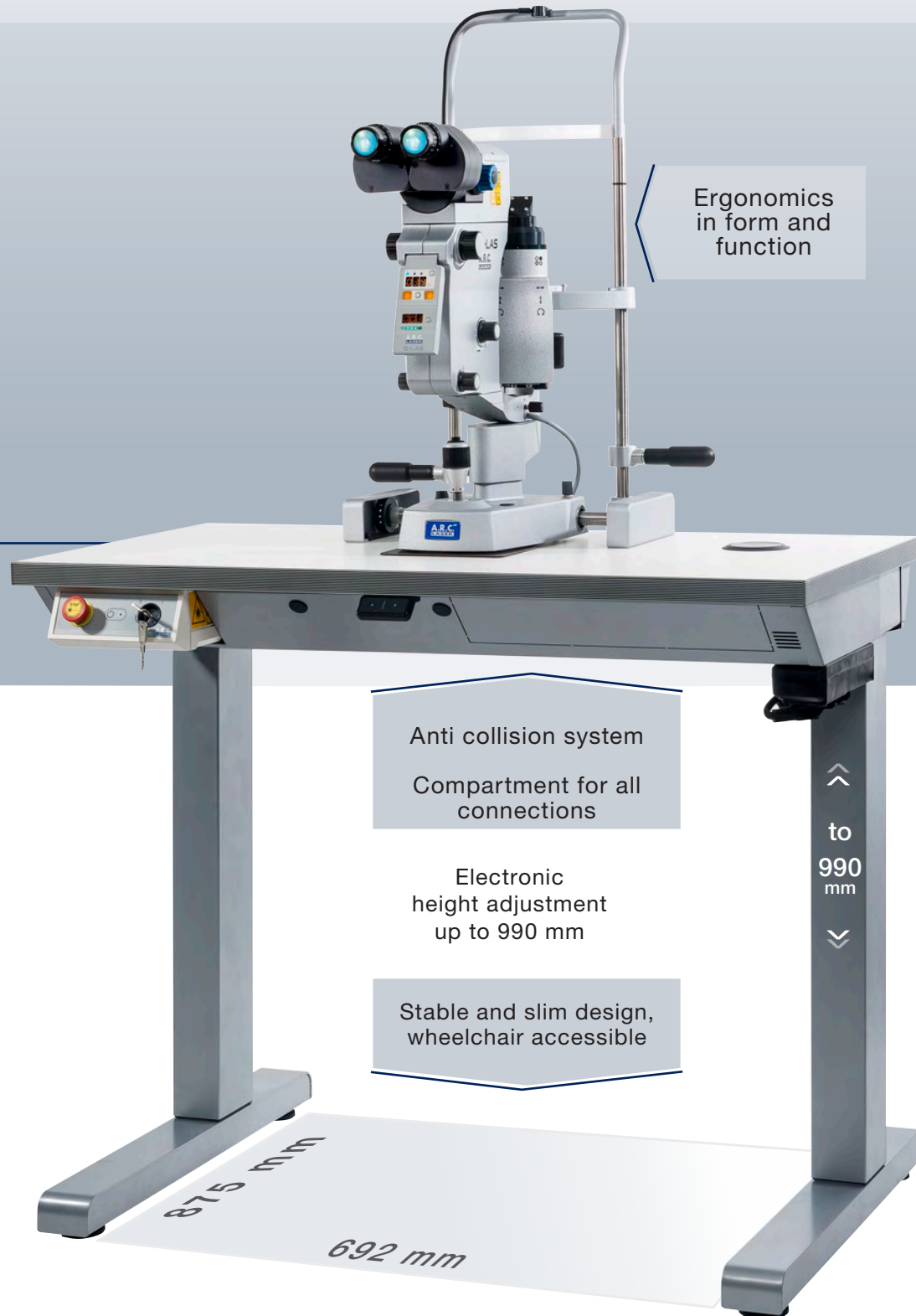
Stable and slim design,
wheelchair accessible

↑
to
990
mm



875 mm

692 mm



Q-LAS ADVANTAGES

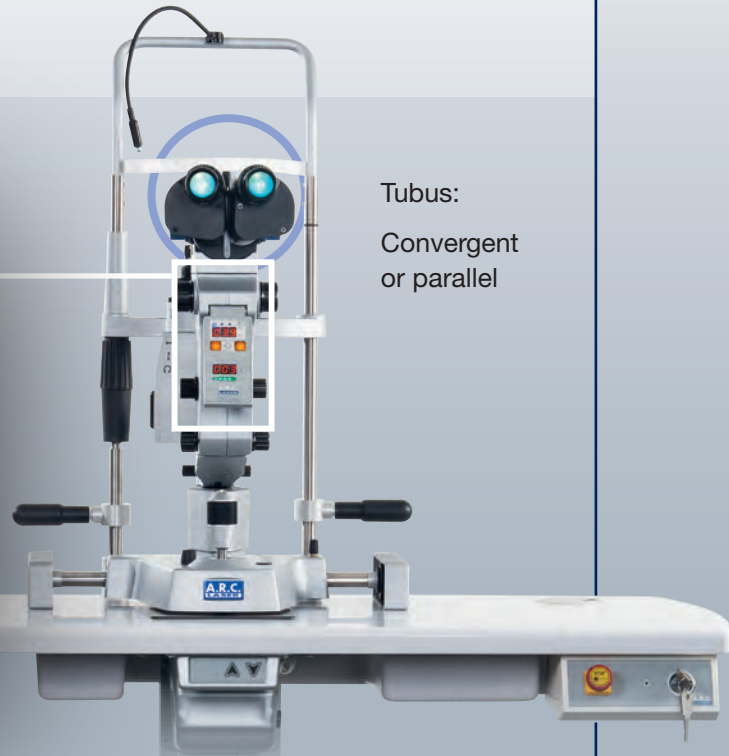
quick & easy to focus

Clever details for more comfort

Burst mode

Continuous energy levels from 0.5 to 10 mJ

Prominent buttons, clear, bright display



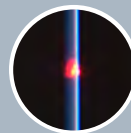
Tubus:
Convergent
or parallel

TriSpot Focus

The most simple way to get in focus:



focal plane anterior the capsule



perfect in focus

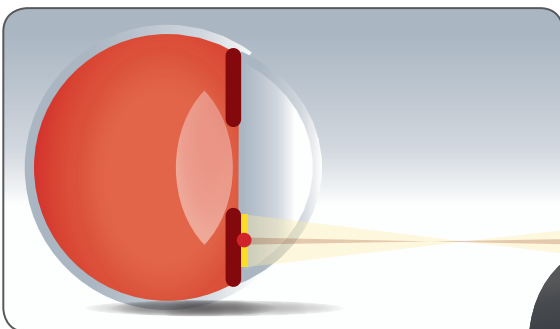


focal plane posterior the capsule

Slit lamp PCL5 ZD

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

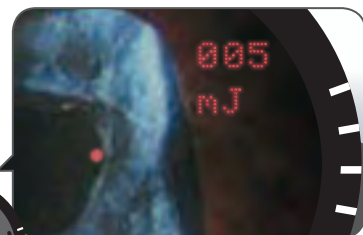
Graphics: arclaser.de



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.



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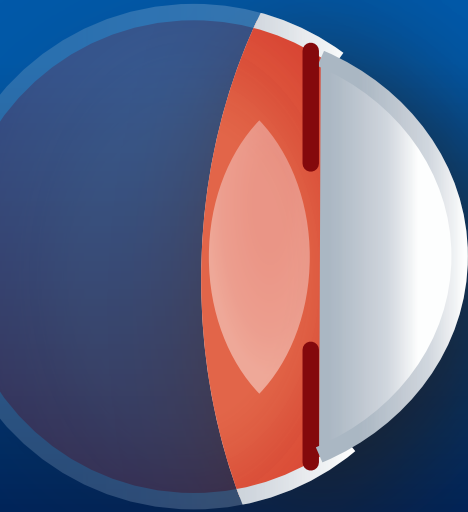
Q-LAS + PCL5

The perfect optic for capsulotomy and iridotomy

A.R.C.
LASER

PCL5 Z

Designed for the anterior segment



Q-LAS

The Nd:YAG laser for you.



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.



TriSpot-Focus for perfect focussing



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.

A.R.C. LASER PORTFOLIO

World's fastest SLT

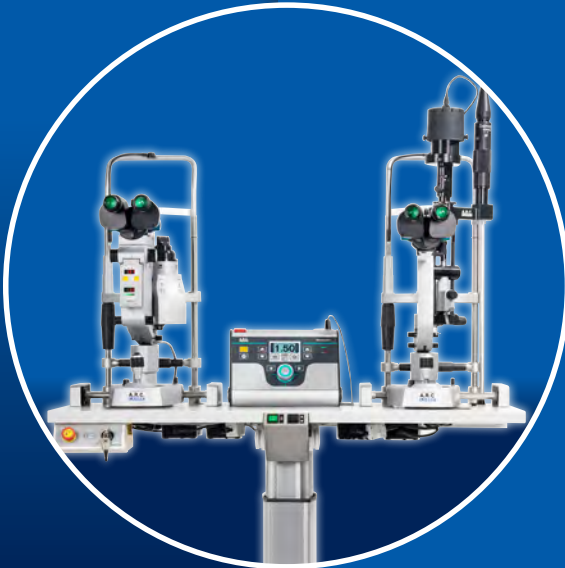
KTP: small and portable

Nd:YAG with TriSpot

MORE OPTIONS: VARIO.

2 high-class lasers on one table.

Nd:YAG +
KTP laser



SLT +
KTP laser



SPECIFICATIONS

Nd:YAG LASER Q-LAS

Laser	Nd:YAG, 1064 nm, Q-switched
Ausgangsenergie	0.5 to 10 mJ, continuous
Burst mode adjustable	in 3 steps
Cone angle	16°
Mode structure	Quasi Gauss
Plasma formation in air	< 4 mJ
Focus spot in air	< 10 microns
Pulse length	< 4 ns
Rep. rate, pulses	3 Hz
Cooling	Air
Q-Switch mode	Passive
Space requirements	0,5 m ²
Voltage requirements	100 to 240 VAC 50/60 Hz, 90 Watt
Laser Class	3b 1064 nm, E = 36 mJ aiming beam: red 635 nm, P < 1 mW

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.

Alterations of the described features or pictured features are possible. Please keep updated on the current status before ordering.

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VISIBLE AND INVISIBLE LASER RADIATION

Avoid direct irradiation of eye or skin or scattered radiation.
laser class: see technical specifications

