

**A.R.C.
LASER**

enlighten your surgery.



V A R I O

NO COMPROMISES.
THE PERFECT OPTIC
DESIGN FOR EVERY
EYE SEGMENT.

LASER...INNOVATION
MADE IN GERMANY

www.arclaser.de info@arclaser.de

V A R I O



An ingenious laser combination without compromise

VARIO CLASSIC⁵¹⁴ – Q-LAS

VARIO CLASSIC⁵¹⁴ – CITO⁵³²

Brilliant for
the posterior
eye segment

Ideal for
the anterior
eye segment

1260 x 430 mm

**SLIM DESIGN FOR LIMITED
SPACE REQUIREMENTS**

**ONE LASER PER
SLIT LAMP**

**TWO SLIT LAMPS
INCLUDED**

Anti collision system

Compartment for all
connections

Electronic
height adjustment
up to 990 mm

Stable and slim design,
wheelchair accessible

1050 mm

580 mm

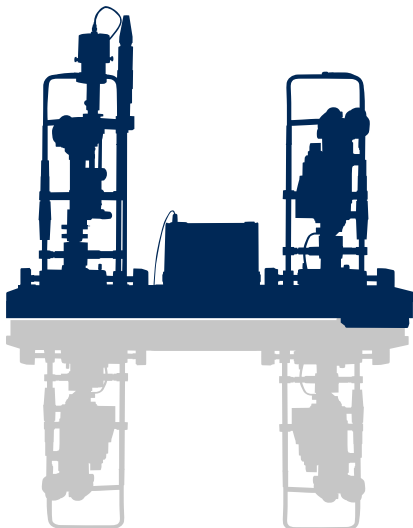


VARIO CITO⁵³² – Q-LAS

Ample room for arm rests and accessories

Common sense dictates that by integrating two laser systems into a single workstation will maximize versatility and convenience. VARIO is the only system that enables the diagnostic crossover from the anterior segment to the posterior segment without interruption. Historically, combination designs suffer at the expense of weight, height and optical quality.

As a result, the potential advantages of a combination design are often not achieved.



Combo is redefined by VARIO.

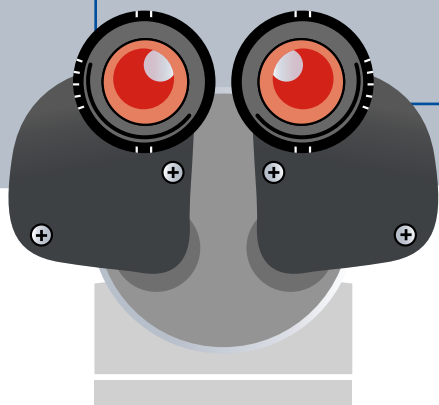
Optic design optimized for specific applications.

Table width enables complete mobility of the operator and patient.

**Bonus benefit:
2 independent slit lamps.**

Highest flexibility.
Multipurpose and unique.

Joystick with laser trigger
Height adjustment,
slit lamp mobility and
trigger in one.



Premium eye protection

Neutral color filter design

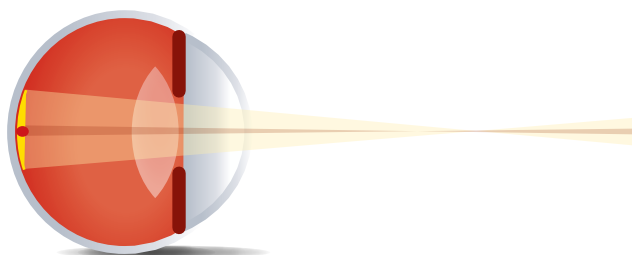
- High grade of color fidelity
- Detailed illustration

Your choice:

- Brand contact glasses
- Optics: parallel-/convergent
- foot switch

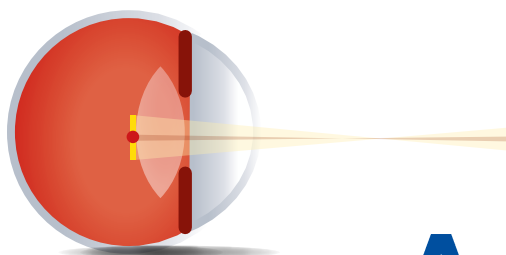
PCL5 SH + SuperView

Easy maneuverability enables
safe photocoagulation even
into the periphery.



Slit lamp PCL5 Z

The short range of the anterior eye segment
demands superior performance by the optic
– this is where the PCL5 Z performs best.



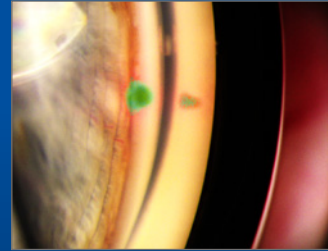
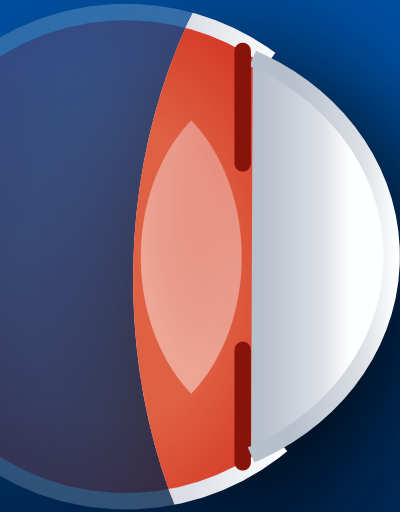
V A R I O

The perfect optic design for every eye segment

A.R.C.
LASER

PCL5 Z

Ideal for the anterior
eye segment



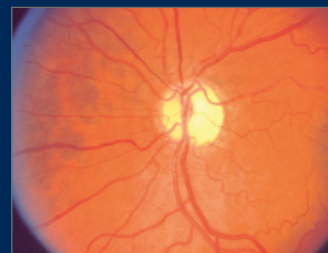
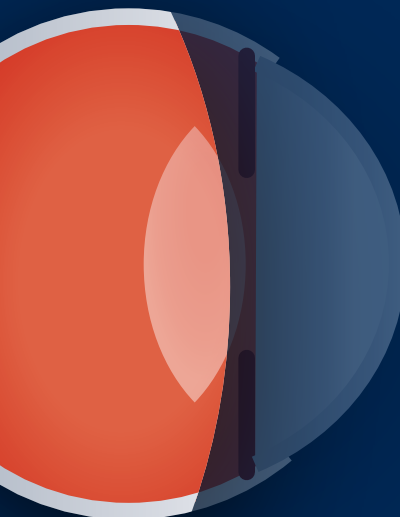
CITO 532
SLT Laser



Q-LAS
Iridotomy &
Capsulotomy

PCL5 SH

Ideal for the posterior
eye segment



CLASSIC 532 / 514
Laser Photocoagulation

Worldwide fastest SLT

KTP: compact and portable

Nd:YAG with TriSpot

MORE CHOICES: VARIO.

Two high-class lasers on one table.
It is your choice: SLT + YAG laser,
SLT + retina laser or YAG + retina laser



SPECIFICATIONS

laser	chip laser 514 nm
output power at cornea	1300 mW, max. continuous
mode	quasi Gauss
pulse width	10 ms, 25, 50, 75, 100, 150, 200, 300, 400, 500, 600, 700, 800, 900 ms, 1 s, 1,5 s, 2 s, CW choose pulses < 100µ-seconds
repetition rate	1 to 9 Hz
fiber dimension	fiber 62 µm
cooling	air
laser class	4 514 nm, P = 1,8 W aiming beam: 2 red 635 nm, P < 1 mW

laser	Nd:YAG, 1064 nm, Q-switched
output energy	0.5 mJ to max. 10 mJ, continuous
burst mode	2 or 3 (1, 2 or 3 pulses)
beam angle	16°
pulse width	< 4 ns
Mode	Quasi Gauss
plasma	< 4 mJ - in air
focus spot	< 8 µm - in air
repetition rate	~ 2.5 Hz
defocussing	150 / 300 µm - posterior
aiming beam	DualSpot diode red, 635 nm <5mW
cooling	air
power supply	85-260V, 50/60 Hz, 90 W (VA)
laser class	4 1064 nm, E = 40 mJ aiming beam: 2 635 nm, P < 1 mW

laser	532 nm, microchip triggered, frequency doubled Q-switched Nd:YAG
energy	0.2 to 2.0 mJ
spot diameter	400 µm in aiming beam focus
repetition rate, pulse	up to 10 Hz
pulse width	< 8 ns
treatment angle	3,2°
arrangement of laser source	central with the microscope
space needed	0,5 m² table: 86 cm x 46 cm
power requirements	V: -100-240 Hz: 50/60
laser class aiming beam	3B 532 nm, E = 2,5 mJ 2 635 nm, P < 1 mW

VARIO	
space requirements	0,5 m², table: 86 cm x 46 cm
power requirements	100 bis 240V, 47/63Hz, 5A

Alterations of the described features or pictured features are possible. Please keep updated before ordering. Specifications are subject to change without notice.

VISIBLE AND INVISIBLE LASER RADIATION
Avoid eye or skin exposure to direct or scattered radiation
LASER CLASS: see specifications

