

**A.R.C.  
LASER**

*enlighten your surgery.*



# V A R I O

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

**optohellas**  
Worldwide Representation Platform

# V A R I O



An ingenious laser combination without compromise

**VARIO CLASSIC<sup>514</sup> – Q-LAS**

**VARIO CLASSIC<sup>514</sup> – CITO<sup>532</sup>**

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

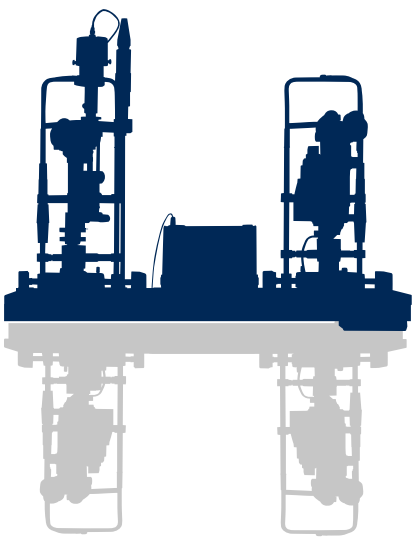


**VARIO CITO<sup>532</sup> – Q-LAS**

### 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.

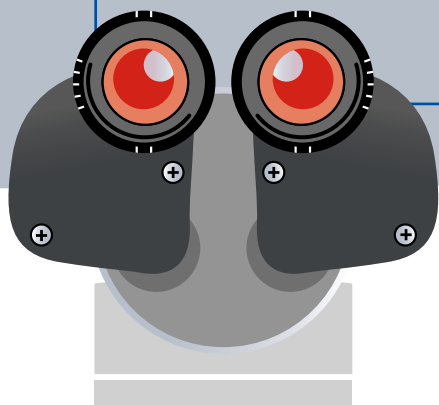
Table width enables complete mobility of the operator and patient.

**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**

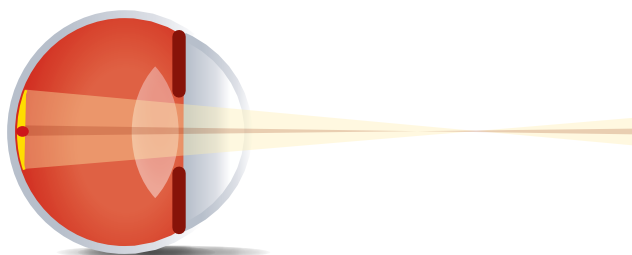
- Neutral color filter design
- High grade of color fidelity
  - Detailed illustration

**Your choice:**

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

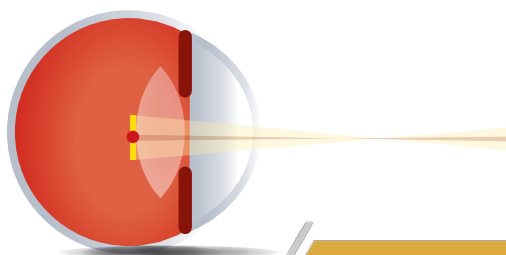
**PCL5 SH + SuperView**

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.



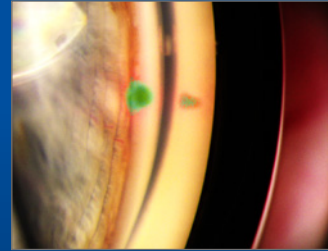
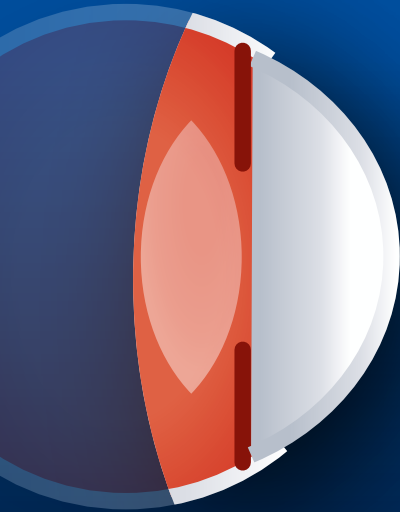
# V A R I O

The perfect optic design for every eye segment

**A.R.C.**  
**LASER**

## PCL5 Z

Ideal for the anterior  
eye segment



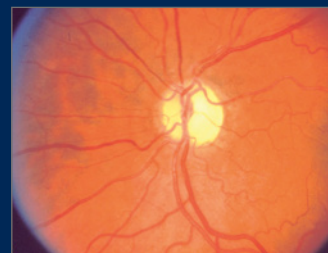
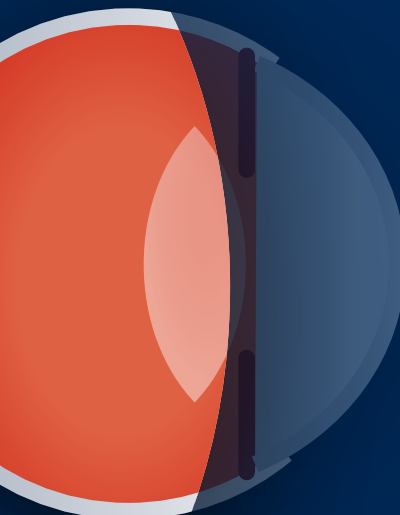
**CITO 532**  
SLT Laser



**Q-LAS**  
Iridotomy &  
Capsulotomy

## PCL5 SH

Ideal for the posterior  
eye segment



**CLASSIC 532 / 514**  
Laser Photocoagulation

**optohellas**  
Worldwide Representation Platform

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, 50/60Hz, 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



A.R.C. Laser certifies that the product complies to 21 CFR 1040.10 and 1040.11 EN 13485/2016 - 93/42 EWG

15.07.19

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