A.R.C. LASER

enlighten your surgery.

VARIO

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

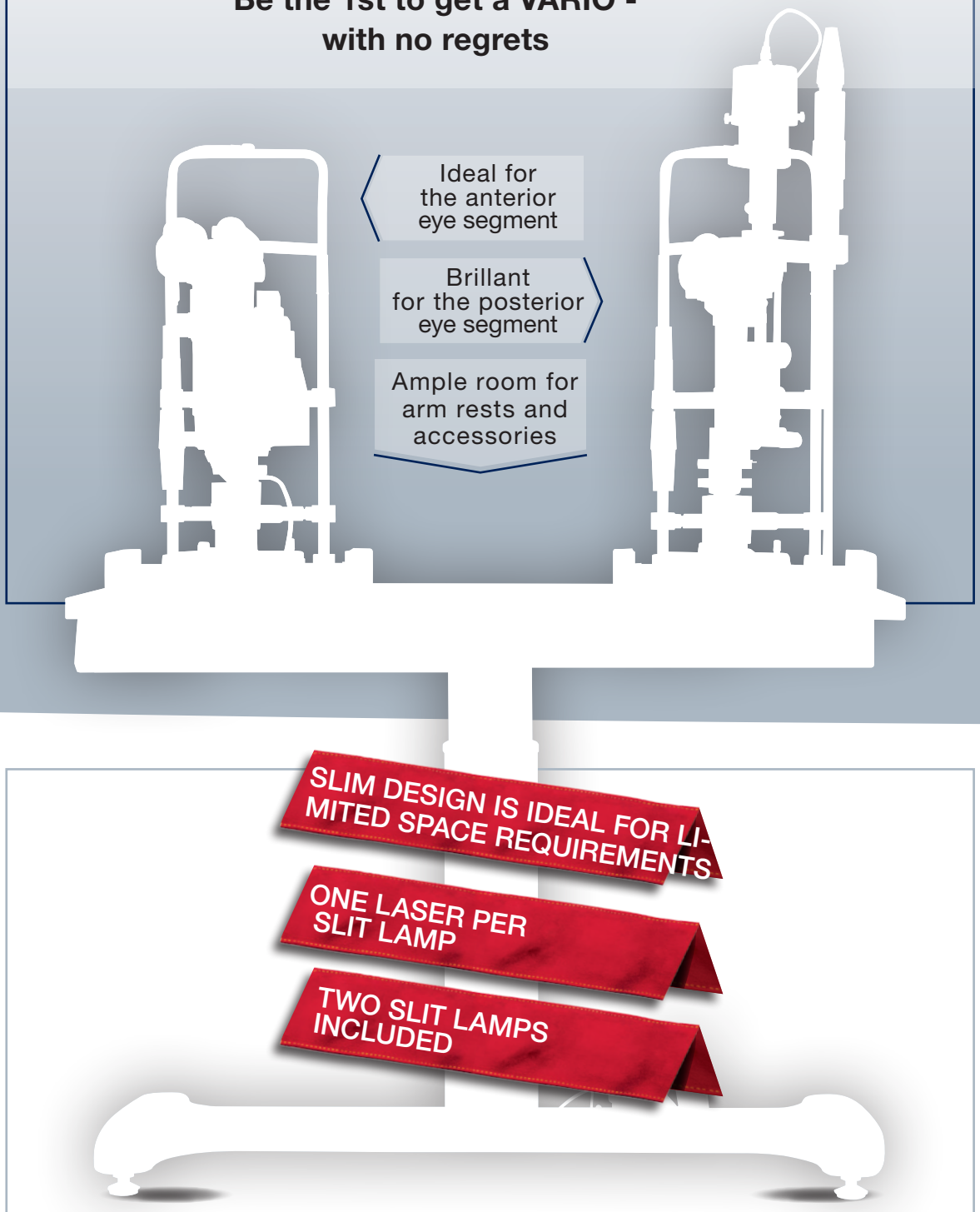
LASER...INNOVATION
MADE IN GERMANY

www.arclaser.de info@arclaser.de

V A R I O

An ingenious laser combination without compromise

Be the 1st to get a VARIO - with no regrets



VARIO: No compromises in design and function

We are proud to see the results of our efforts in production with precise adjustment of the laser slit lamps.

L. Gottfried, A.R.C. Laser

L. Gottfried, manager slit lamp production
VARIO: Q-LAS Nd:YAG + CITO 532 SLT

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 cross-over 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.

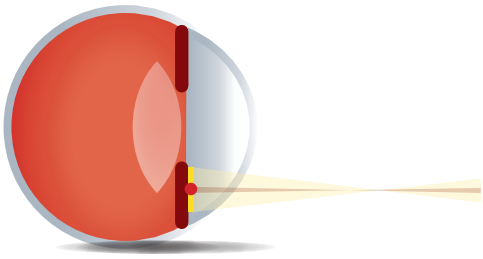
Ergonomic and versatile.

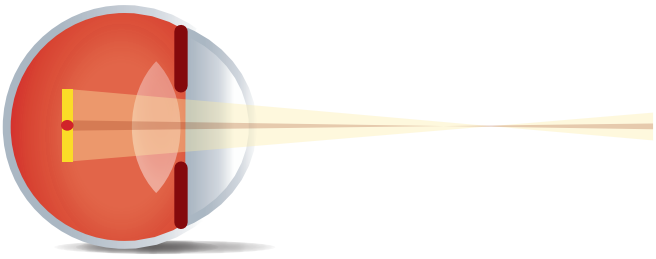
Multipurpose and Unique.

Vario.

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.

PCL5 SH + SuperView
Easy maneuverability enables safe photocoagulation even into the periphery.





A.R.C. LASER

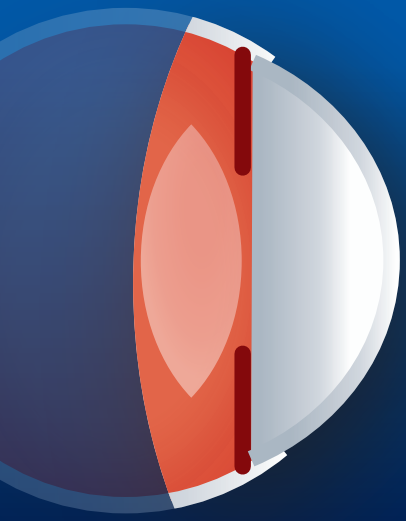
V A R I O

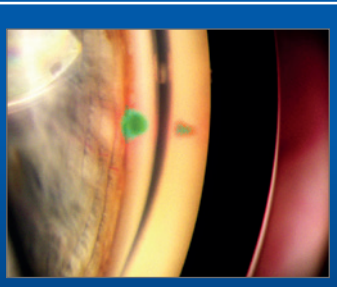
The perfect optic design for every eye segment

A.R.C. LASER

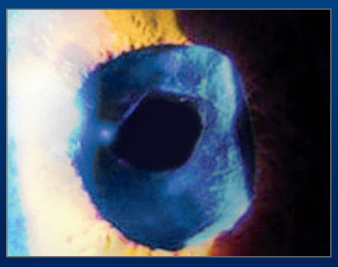
PCL5 Z

Ideal for the anterior eye segment





CITO 532
SLT Laser

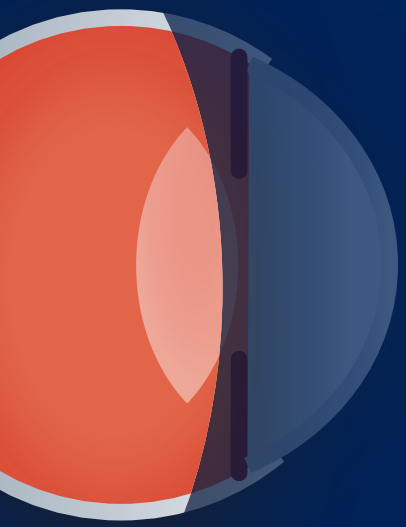


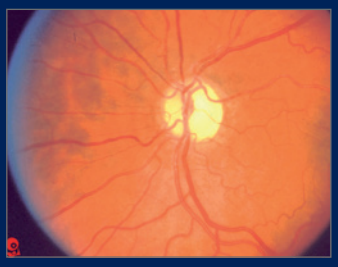
Q-LAS

Iridotomy &
Capsulotomy

PCL5 SH

Ideal for the posterior eye segment



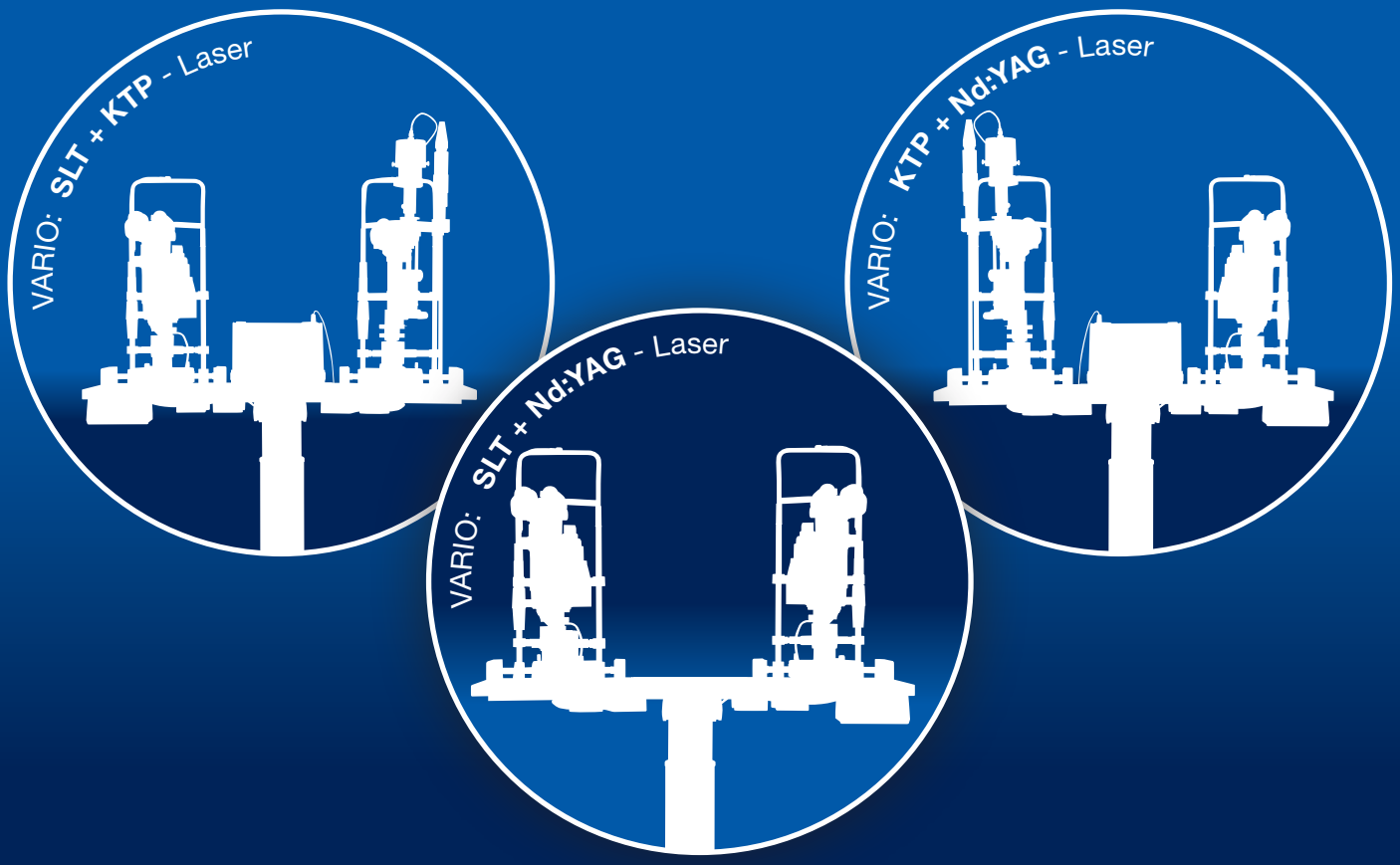


CLASSIC 532
Laser Photocoagulation

VARIO

CHOOSE FROM THREE COMPONENTS

Worldwide fastest SLT **KTP: compact and portable** **Nd:YAG with TriSpot**



SPECIFICATIONS

KTP-LASER CLASSIC

laser	KTP - 532 nm (green)
output power	1.5 Watt max.
pulse width	10 ms to cw
pulse off	100 ms to 1.000 ms
repitition rate	1 to 9 Hz
aiming beam	635 nm, <1 mW
Stellfläche	250 x 190 x 52 mm
weight	3.3 kg - complete
power supply	90 - 230 VAC / opt. battery powered
laser exit	2 couplings, optional
laser class	**4** | 532 nm, P = 1.8 W aiming beam: 635 nm, P < 5 mW

ND:YAG-LASER Q-LAS

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
repitition rate	~ 2.5 Hz
defocussing	150 / 300 µm - posterior
aiming beam	TriSpot diode red, 635 nm <5mW
cooling	air
power supply	85-260 V, 50/60 Hz, 90 W (VA)
laser class	**4** | 1064 nm, E = 40 mJ aiming beam: 635 nm, P < 5 mW

SLT-LASER CITO 532

laser	Q-switched 532 nm frequency doubled Nd:YAG
energy	0,2 to 2,0 mJ continuous
spot diameter	400 µm in aiming beam focus
repetition rate, pulse	>10 Hz
pulse width	3 ns
aiming beam	635 nm / 1 mW, variable
treatment angle	3,2°
arrangement of laser source	central with the microscope
space needed	0,5 m²
power requirements	100 bis 240 V 50/60 Hz, 600 Watt
laser class	**3b** | 532 nm, E = 2,5 mJ aiming beam: 635 nm, P < 5 mW

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

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

08 / 2016

A.R.C. Laser certifies that the product complies to 21 CFR 1040.10 and 1040.11 EN 13485/ 2003 - 93/42 EWG

CE 0483

Your local distributor:

A.R.C. LASER
enlighten your surgery.

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