

**A.R.C.
LASER**

enlighten your surgery.



CLASSIC⁵¹⁴

CLASSIC⁵¹⁴
Next Generation
Retinal Argon Laser
514 nm Wavelength



LASER...INNOVATION
MADE IN GERMANY

www.arclaser.com info@arclaser.com

CLASSIC 514



The KTP laser 532 nm wavelength is uncomfortable for patients. An Argon laser is large, bulky with water cooling.

” A microchip laser is compact, solid-state and extremely durable.

In terms of pain perception*, the argon 514 nm wavelength has shown to have advantages when compared to the KTP laser 532 nm wavelength:

A.R.C. Laser brings back the 514 nm argon laser wavelength with all its advantages.

The CLASSIC 514 nm retinal laser from A.R.C. Laser is specifically tailored to modern day requirements for gentle treatments.

Based upon information compiled comparing KTP and argon lasers, the well established 514 nm wavelength used during argon laser photocoagulation is less painful.

PAIN PERCEPTION



532 nm
PHOTOCOAGULATION



514 nm
PHOTOCOAGULATION

Ophthalmologists worldwide have participated in an A.R.C. Laser survey which collected data regarding the pain perception from photocoagulation patients. The results conclude that treatment with the argon laser 514 nm wavelength is perceived by patients to be less painful and can be better tolerated.

YES to Argon!

YES to Argon.

Due to overwhelming positive feedback*, the new CLASSIC 514 Argon laser can improve laser photocoagulation treatment in your practice. The compact, robust packaging is less expensive, yet maintains the benefits of less pain and stress characteristic of the argon 514 nm wavelength.

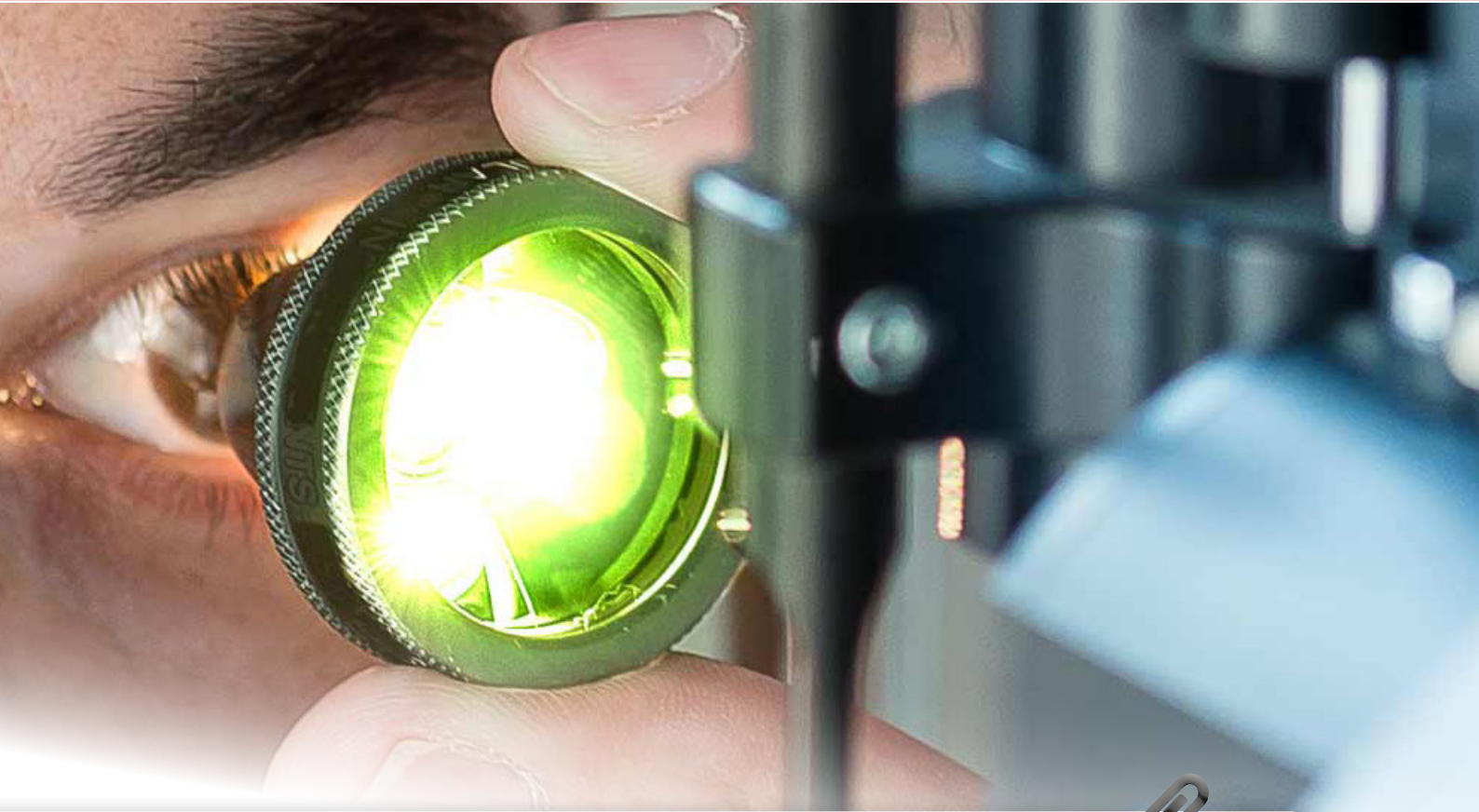
* Based on the experiences of Dr. Udo Heuer and Dr. Zia Carrim during Q1 and Q2 2018

We have made the superior wavelength of the argon laser even better:

- **Less pain**
- **Less stress**

Less stress





, reduced pain perception



- Less stress and less pain contributes to shorter treatment times, better results and improves patient compliance for follow-up treatments.
- Less pain is of greatest importance for a more satisfying patient experience.

Simply the most affordable argon 514 nm system



APL $\mu\text{s}, \text{ms}$

... and even better with its **All Pulse Laser Technology (APL)**, meaning the Classic 514 APL is able to deliver pulses in the highly desirable range of milliseconds, microseconds or nanoseconds.

WANT TO OPTIMIZE
PHOTOCOAGULATION...

**...use an argon-microchip
Classic 514 APL**

CLASSIC₅₁₄

Retinal Coagulation



Argon 514 nm wavelength
THE ORIGINAL RETINAL LASER

Ergonomic design
EASE OF USE

Unobstructed view
TAKE CONTROL OF YOUR SURGERY

Introducing the most advanced technology for retinal coagulation

Ergonomic design enables easy and intuitive control of all critical functions. To easily change the spot size from 50 μm up to a maximum of 600 μm sets a new standard in ophthalmology. Select from 5 magnification levels to achieve the best optical view. The "Neutral Color Design" incorporates a noiseless protection filter. Single hand operation of the slit lamp allows ease of maneuverability especially when using a contact lens. The Classic 514 laser system satisfies all demands for advanced Laser photocoagulation. The laser and slit lamp are proudly designed and manufactured in Nuremberg, Germany.

SOPHISTICATED 2 COLUMN DESIGN

Adjustable table height for more legroom

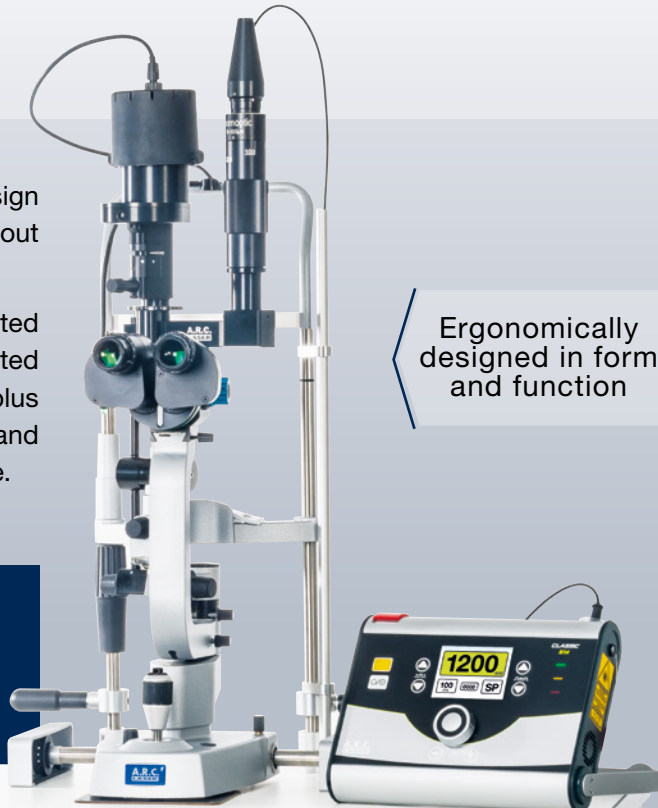
Legroom

Compact, space saving design is available with or without wheels.

Unique daylight compensated protection filter is integrated in the optical system, plus a selection of name brand contact lenses are available.

Ergonomically designed in form and function

accessories



Anti-collision system

Hidden compartment for all connections

Electronic height adjustment up to 920 mm

Stable and slim design, wheelchair accessible

Unique in OPTHALMOLOGY

to 920 mm

580 mm

725 mm

Intelligent Features

Integrated protection filter

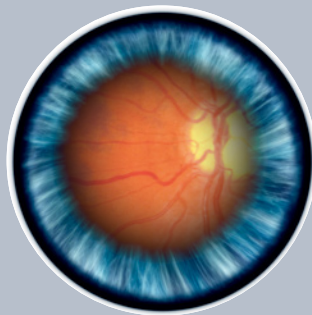
Continuously adjustable output power range from 0.05 up to 1.3 W

Intuitive control

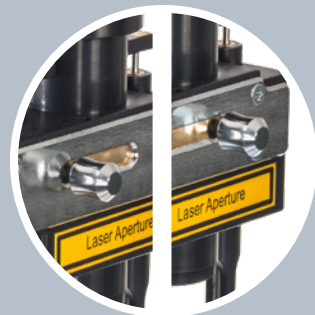
Laser and slit illumination 100% coaxial



The precision viewing optic and coaxial laser create an uncompromised treatment outcome.



“Super View”
Swing in or swing out the laser beam.

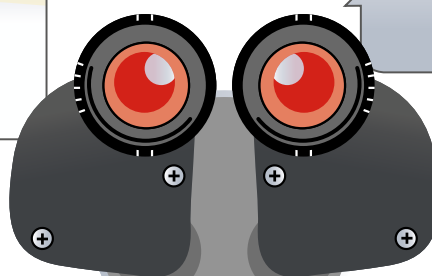
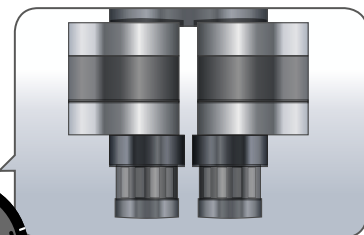
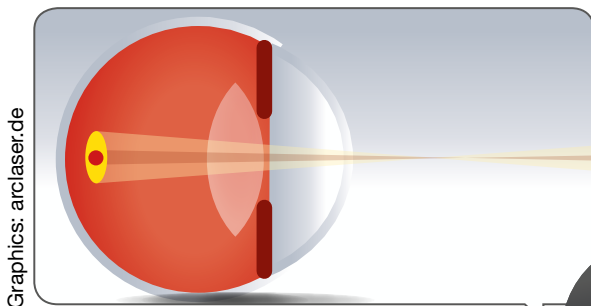


Slit lamp PCL5 SH

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

Parallel Tube (optional)

Your option to choose parallel or convergent tube.



The “Neutral Color Design” integrated protection filter protects you from harmful laser reflections.

CLASSIC + PCL5

A.R.C.
LASER

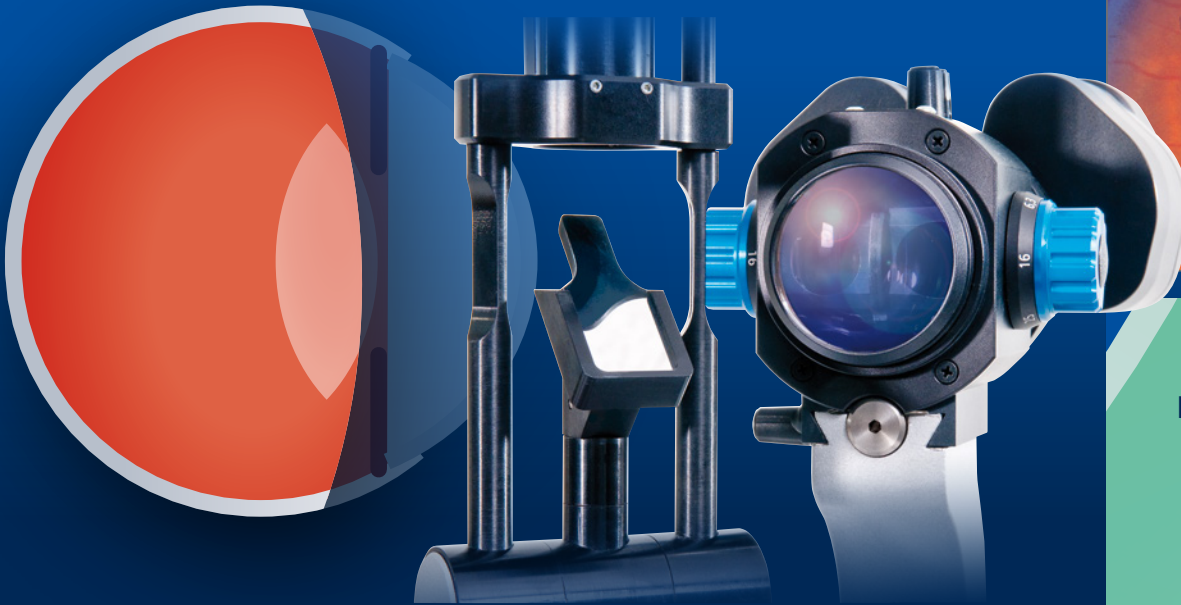
The best optical delivery system for retinal treatments.

PCL5 SH

Designed for the posterior segment

Q-LAS

The Nd:YAG laser for you.



Numerous studies prove the Argon lasers advance.

CLASSIC 514: COMPACT, VERSATILE AND POWERFUL

The microchip Argon laser CLASSIC 514 is unsurpassed when combined with the PCL5.



Laser coupling with maximum safety: Mirror based beam combiner with coaxial delivery to the slit lamp.



Embossed buttons for intuitive control. The large display offers optimum visibility.



Slim and compact – designed to fit anywhere.

The CLASSIC 514 combines ergonomics and durability in an innovative DESIGN.

A.R.C. LASER PORTFOLIO

Smallest Argon laser

Nd:YAG with DualSpot

SLT glaucoma therapy

MORE OPTIONS: VARIO.

2 premium lasers on one table.



PHOTOCOAGULATION SYSTEM, RETINAL LASER CLASSIC 514

SPECIFICATIONS:

laser	chip laser 514 nm
output power Cornea	1200 mW
pulse width	1 ms, 2, 4, 6, 8, 10, 25, 50, 75, 100, 150, 200, 300, 400, 500, 600, 700, 800, 900ms, 1 s, 1,5s, 2 s
repetition rate	1, 2, 3, 4, 5, 10 Hz
fiber dimension	fiber 62 μ m
cooling	air
dimensions WHD	25 x 17 x 22 cm
weight	3.3 kg
power supply	100 to 240V 47/63Hz, 120 Watt
laser class	4 514 nm, P = 2 W aiming beam: red 635 nm, P < 5 mW



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

Subject to change without notice.
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VISIBLE AND INVISIBLE LASER RADIATION

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



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LASER**
enlighten your surgery.

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