

**A.R.C.  
LASER**

*enlighten your surgery.*



**CLASSIC<sup>514</sup>**

**CLASSIC<sup>514</sup>**  
Next Generation  
Retinal Argon Laser  
514 nm Wavelength



**LASER...INNOVATION**  
MADE IN GERMANY

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# 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.

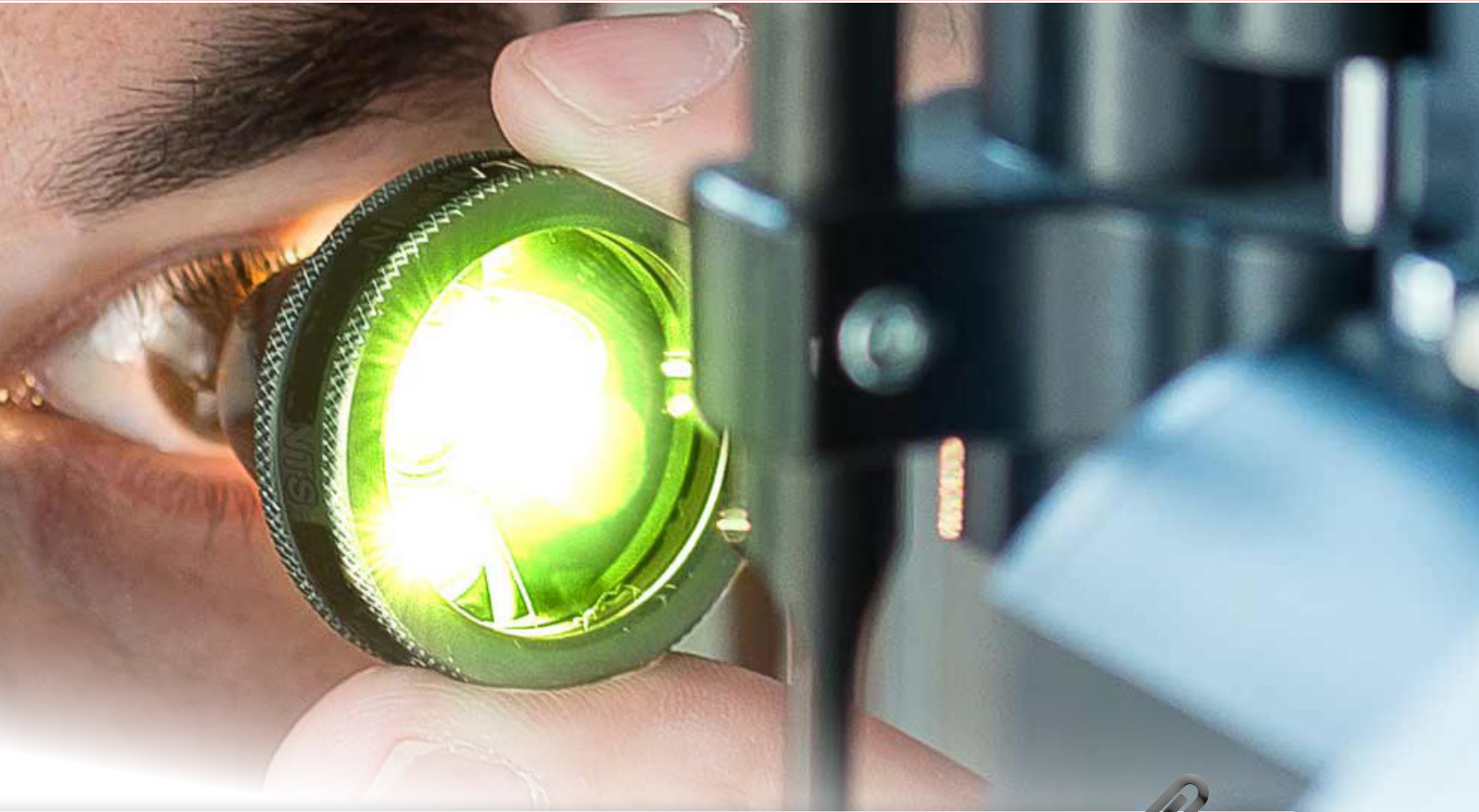
\* Based on the experiences of Dr. Udo Heuer and Dr. Zia Carrim during Q1 and Q2 2018

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

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

**Less stress**





, reduced pain perception



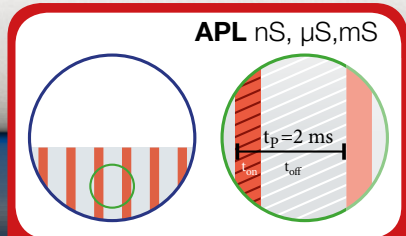
- Less stress and less pain contributes to shorter treatment times, better results and improves patient compliance for follow-up treatments.
- Less pain is of greatest importance for a more satisfying patient experience.

Simply the most affordable argon 514 nm system....



WANT TO OPTIMIZE  
**PHOTOCOAGULATION...**

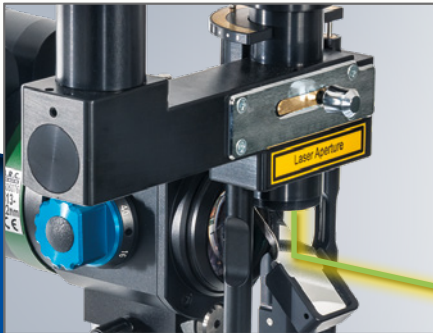
**...use an argon-microchip  
Classic 514 APL**



... and even better with its  
**All Pulse Laser  
Technology (APL),**

meaning the Classic  
514 APL is able to deliver  
pulses in the highly desir-  
able range of milli-  
seconds, microseconds  
or nanoseconds.

# ERGONOMICS AND DURABILITY IN AN INNOVATIVE DESIGN.



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.

## PHOTOCOAGULATION SYSTEM, RETINAL LASER **CLASSIC 514**

laser	microchip laser 514 nm
output power Cornea	up to 1200 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 APL Pulses 100 μ-seconds or less
repetition rate	1 to 9 Hz
fiber dimension	fiber 62 μm
cooling	air
dimensions WHD	25 x 17 x 22 cm
weight	3.3 kg
laser class	4   514 nm, P = 1,8 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

