Next Generation
Retinal Argon Laser
514 nm Wavelength
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.

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!

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
Retinal Coagulation: Less pain is key

- 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.
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 desirable range of milliseconds, microseconds or nanoseconds.

Simply the most affordable argon 514 nm system
PHOTOCOAGULATION SYSTEM, RETINAL LASER **CLASSIC 514**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Laser</td>
<td>microchip laser 514 nm</td>
</tr>
<tr>
<td>Output power Cornea</td>
<td>up to 1200 mW</td>
</tr>
<tr>
<td>Pulse width</td>
<td>1ms, 2, 4, 6, 8, 10, 25, 50, 75, 100, 150, 200, 300, 400, 500, 600, 700, 800, 900 ms, 1, 1.5, 5s</td>
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<tr>
<td>Repetition rate</td>
<td>1, 2, 3, 4, 5, 10 Hz</td>
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<tr>
<td>Fiber dimension</td>
<td>fiber 62 μm</td>
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<tr>
<td>Cooling</td>
<td>air</td>
</tr>
<tr>
<td>Dimensions WHD</td>
<td>25 x 17 x 22 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>3.3 kg</td>
</tr>
<tr>
<td>Laser class</td>
<td>4</td>
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Alterations of the described features or pictured features are possible. Please keep updated on the current status before ordering.

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VISIBILE AND INVISIBLE LASER RADIATION
Avoid direct irradiation of eye or skin or scattered radiation.

laser class: see technical specifications