

**A.R.C.
LASER**

enlighten your surgery.

**BACK TO
THE
FUTURE**



ENDO

MICRO-PULSES

ARGON WAVELENGTH 514 nm

- First portable Laser with Micro-Pulses < 10 ms
- Wavelength 514 nm – Real ARGON
- Stable Power Emission - modern laser medium
- Remote Footswitch & battery powered

LASER...INNOVATION
MADE IN GERMANY

BACK TO THE FUTURE

3



The long history of Photocoagulation

I have experienced all the research from Xenon-Lamp via the argon laser to the KTP-Lasers.

Today the latest so called „Argon“ is as compact as a camera - If I would have known that 43 years ago, we could have saved a lot of work in research and development – That's Life.



R. Thyzel



A Meditec Dye-Laser

The picture shows the Dye laser with all the colors from green to yellow to red. The housing dimensions have decreased significantly, the systems have been effective and have become established in clinical therapy.



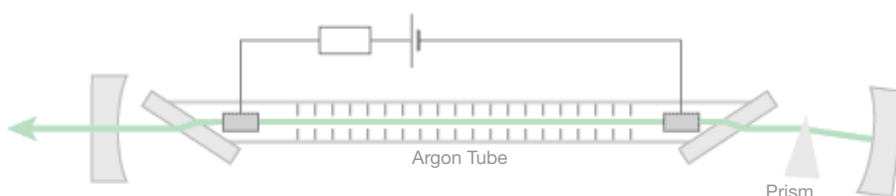
The A.R.C. KTP-Laser in 2009 with 532 nm

The “second generation” KTP lasers substituted the argon wavelength (514nm). These lasers became more affordable, and were soon appearing in community hospitals and even physicians' offices.



Our new ENDU

The refinement of technology in medical lasers have made it possible to treat conditions previously considered untreatable, or difficult to treat. Patients benefit by improved results and less cost. Our new ENDU (1.5 Watt, cw) features micro pulses starting at 10 μ s.



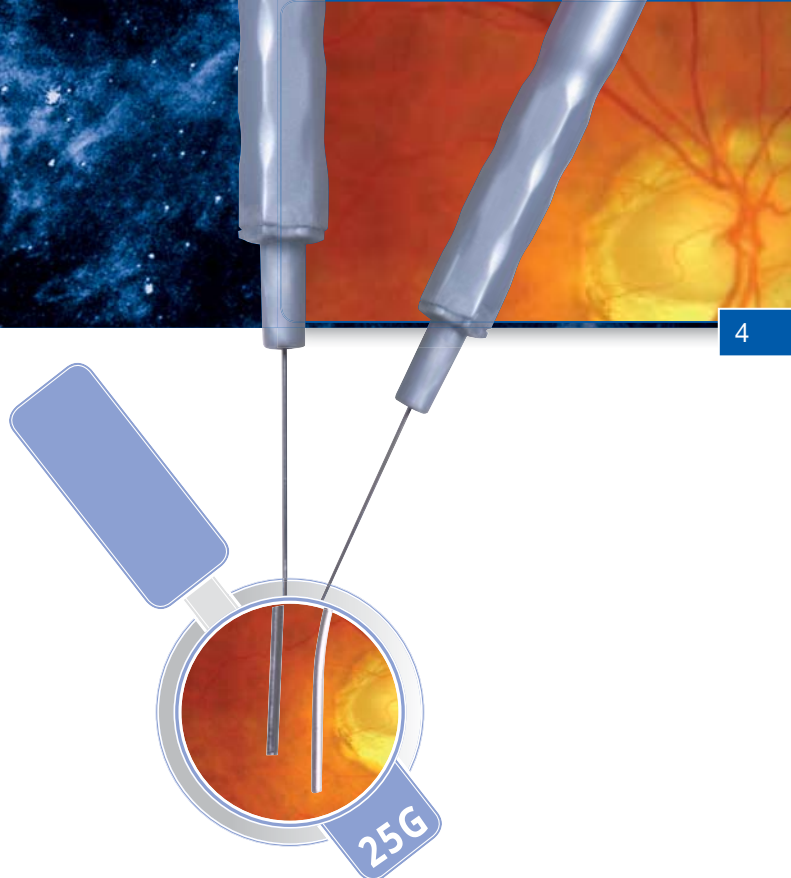
Micro-Pulses promise to become Gold-Standard

”

Already in 2007 first positive effects of micro pulses with diode lasers have been observed on the visual acuity and the absorption of a Retinopathia centralis serosa.

Further studies and a longer follow-up were necessary to evaluate this technique. “

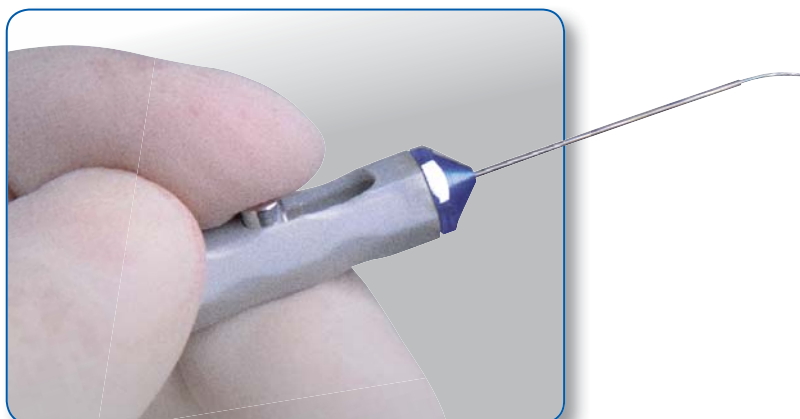
Klin Monatsbl Augenheilkd 2007; 224 - KV64
DOI: 10.1055/s-2007-1004503 (translated)



SINGLE USE ENDO PROBES

- Reliable Power Transmission
- Homogenous Power Distribution
- Single use

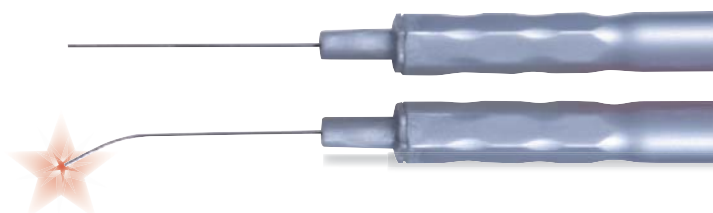
Ideal for the surgical use at diabetic retinopathy, retinal tear and retinal detachment. Our endo-probes – your safety.



Universal hand pieces

No matter which system you are going to work with: FOX, CLASSIC or ENDO, our hand pieces are easy to use with all those laser system. The patented fiber click-system allows full compatibility.

ENDO-Probes single-use		
20 G	straight	LL13009s
21 G	straight	LL13011s
	curved 30°	LL13014s
23 G	straight	LL13006s
	curved 30°	LL13025s
	FLEX-Endo	LL11057s
25 G	straight	LL13010s
	curved 30°	LL13015s



BACK TO THE FUTURE



No more cables at all

EAs an option we offer a cable free foot switch for more freedom in your OR.

THINK SMALL

REDUCE TO THE MOST NECESSARY

GO BATTERY POWERED

ADD MORE FREEDOM TO YOUR OR

SPECIFICATIONS

Laser	514 nm (Argon-green)
Output power*	1.5 Watt max.
Pulse length	10 μ s to cw
Pulse interval	100 ms to 1,000 ms
Frequency	1 to 9 Hz
Aiming beam	635 nm, < 1 mW
Foot print (HWD)	175 x 125 x 160 mm
Weight	3.3 kg
Power supply	90 - 230 VAC / Battery powered
Fiber attachments	1 Endo-Fiber-Port
Accessories opt.	LiO / Endo Probes
<p>* at laser head. The device and the delivery system is protected by one or more patents. Technical data may change without notice.</p>	
<div> <div> <p>DANGER VISIBLE AND INVISIBLE LASER RADIATION AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION DIODE LASER 514 nm + 3 Watt CW DIODE LASER 635 nm + 1 mW CW</p> </div> <div> <p>LASER RADIATION AVOID EXPOSURE TO BEAM CLASS 4 LASER PRODUCT 514 nm, P < 3 Watt 635 nm, P < 1 mW</p> </div> </div>	