

The FOX 514 story!



1980ies

Back to the future

The long history of Photocoagulation starts with a dye laser from Meditec

The picture shows the Dye laser with all the colors from green to yellow to red.

Since then, the dimension of the housing have decreased significantly. The system became more effective and they have established themselves in clinical therapy.

2009

... and continues with a KTP laser from A.R.C.

The "second generation" KTP lasers substituted the argon wavelength (514 nm).

These lasers became more affordable, and were soon appearing in community hospitals and physicians offices. However, many mourned the loss of the argon wavelength when the switch was made to KTP with 532 nm.



2018

... and finally, we have arrived 'Back to the future' – the FOX 514

With the small portable FOX 514 we continue to write story! The new argon is small – lightweight and can be operated in battery mode without disturbing wires. Its power ranges up to 1.5 watts in cw-mode, pulsed or single-pulse mode.



FOX 514 ENDOLASER

**A.R.C.
LASER**
MADE IN GERMANY

THE IDEAL SOLUTION to upgrade your OR with Argon Laser light

**ORIGINAL ARGON
PORTABLE
INTUITIVE**



powered by

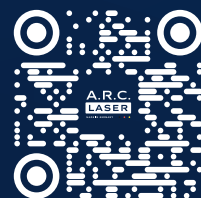
**ARGON
GREEN
Technology**



Reinhardt Thyzel

'I have experienced all the research from Xenon-Lamp via the argon laser to the KTPLasers. 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.'

**A.R.C.
LASER**
MADE IN GERMANY



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FOX 514 ENDOLASER

The **smallest**, energy stable
and most **valuable** Endolaser:

- Battery-powered & portable
- Quick & Easy setup
- User-friendly interface



Counter

Pulse counter accumulates laser exposures

Aiming beam

Quick adjustment of aiming beam
brightness with raised push buttons

Pulse setting

Fast adjustment of pulse
duration and pulse pause
via raised push buttons
for intuitive control

Pulse duration and pulse
pause: 100 μ s to 45 s

Power

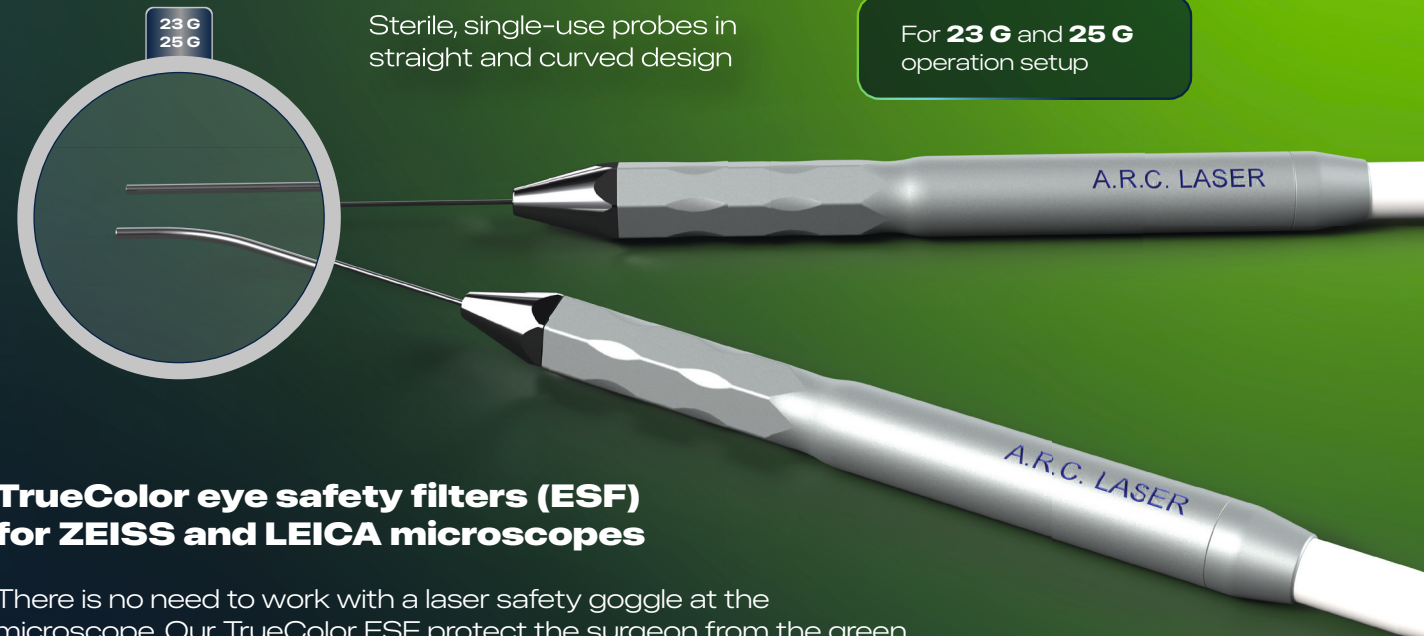
Output power: 50 mW - 1500 mW
Precision control with tactile rotary knob

Feel every step – clear haptic feedback
included

Endo Probes

Sterile, single-use probes in
straight and curved design

For **23 G** and **25 G**
operation setup



TrueColor eye safety filters (ESF) for ZEISS and LEICA microscopes

There is no need to work with a laser safety goggle at the
microscope. Our TrueColor ESF protect the surgeon from the green
(514 nm) laser light without visual impairment.



ZEISS version

LEICA version

A.R.C. Laser Indirect Ophthalmoscope

Designed for attachment to the
FOX 514 for retina treatments

The arrangement and positioning of all adjustment controls
ensure intuitive functionality, for easy operation, adjustment
and diagnostic capabilities. Lightweight and battery
powered it is the ideal companion when treating patients
such as (ROP) retinopathy of prematurity infants.



Slit lamp application by CLASSIC 514

The ideal ArgonGreen laser for retinal
coagulation and therapy in its perfect form
with PCL5^{SH}

