

**A.R.C.  
LASER**

*enlighten your surgery.*



**Microchip  
Technology  
CITO 532**

# C I T O <sub>532</sub>

GLAUCOMA  
THERAPY  
FOR  
MAXIMUM  
DEMANDS

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

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Microchip  
Technology  
CITO 532

## CITO 532 NO COMPROMISES.



Designed for  
the anterior  
segment

Highest  
repetition  
rate

Homogeneous  
spot quality

Highest pulse-to pulse stability:  
unique in OPTHALMOLOGY

Secure compartment for  
all cable connections  
Anti-collision system  
for tall patients

Electronic height-  
adjustment up to 920 mm  
with 2 height  
adjustable lifts

Stable and slim design,  
wheelchair accessible

### Spacious legroom

The compact  
system combines  
laser, table and  
slit lamp - wheels  
are available upon  
request.

920  
mm

725 mm

580 mm

# THE MODERN SLT

Homogeneous spot quality for optimal reproducibility



## Premium eye safety

Our CITO is equipped with a sharp selective safety filter:

- true color
- detailed resolution

## Your choice:

- brand contact glasses
- the optics:  
parallel / convergent



No UV-light on the cavity

No high voltage in the case

Simple operation via touchscreen and joystick



images might contain accessories

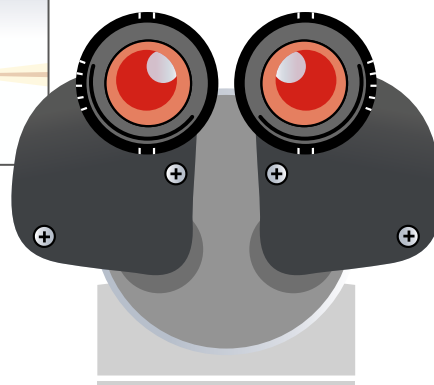
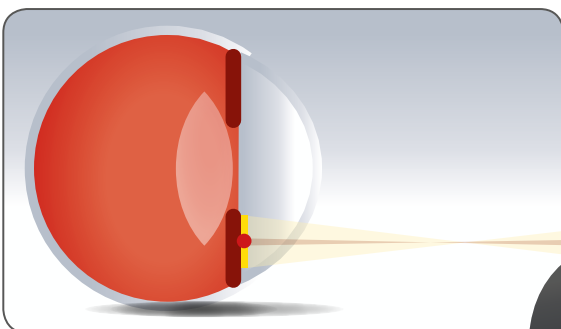
**Laser trigger**

Height adjustment, slit lamp mobility and RTM laser trigger (rapid trigger mode).

**Slit lamp PCL5 Z**

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

Graphics: arclaser.de



**Microchip SLT, homogeneous spot**

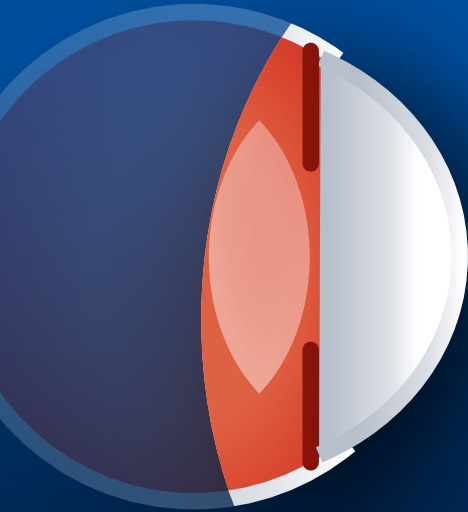
Modern technology redefines the SLT. No heating on the housing and no UV light at the cavity. The life time of the CITO 532 is theoretically unlimited – stable and without losing energy throughout the entire life cycle.

The homogeneous energy distribution over the entire spot stands for the safest treatment quality and a reliable reproducibility.

The perfect optic for the anterior eye segment

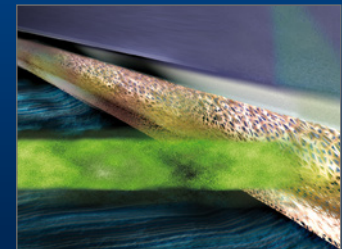
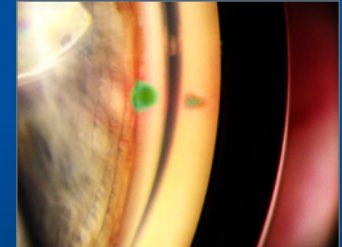
### PCL5 Z

Designed for the anterior segment

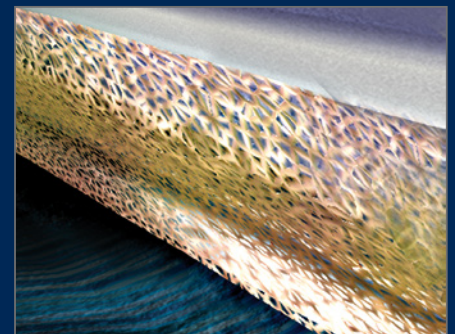
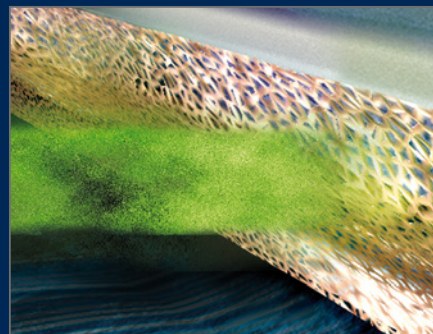
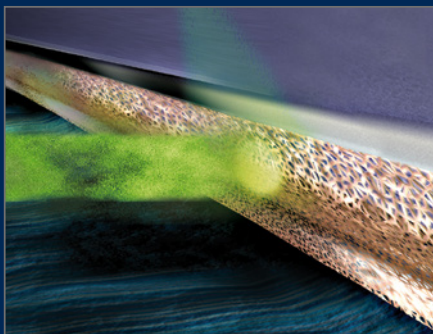


### CITO 532

SLT Laser



THE SLT LASER TREATMENT STIMULATES THE TRABECULAR MESHWORK IN A SPECIFIC WAY AND GENERATES A SIGNIFICANT REDUCTION OF INTRAOCULAR PRESSURE (IOP) IN A NATURAL WAY

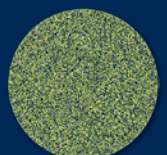


The laser beam activates the trabecular meshwork.  
The ideal treatment is done with an angle of 180° per session.

### The most homogeneous spot in A.R.C. Laser history

Regards to the quality of our laser spot, this beam stands out in terms of reliability and stability compared to the predecessor TRABECULAS.

Thanks to the microchip architecture with its quick refresh and stable laser specifications, you and your patients could benefit from a better reproducibility and predictability of the procedure.



# A.R.C. LASER PORTFOLIO

World's fastest SLT

Argon-KTP: small and portable

Nd:YAG with DualSpot



**MORE OPTIONS: VARIO.**  
2 high-class lasers on one table.

\* Picture is an example

cito system slit 01 / 2020

## SPECIFICATIONS

### SLT-LASER CITO 532 GEN II

Laser Wavelength	Q-switched, Nd:YAG frequency doubled 532 nm
Output Energy (Laser)	2 mJ max.
Therapy beam pulse settings	0.1 mJ steps from 0,2 to 1,4 mJ 0.2 mJ steps to 2 mJ
Beam Delivery	Coupling in slit lamp
Display / Control	7" Color touch screen
Cooling	Internal, air
Aiming Beam	635 nm red < 1mW, adjustable
Power Requirement	100-240 V AC, 47-63 Hz, 5A
Weight / Dimensions with table and slit lamp	53 kg HWD < 99 cm / 100 cm / 58 cm
Laser classification EN 60825-1	Therapy beam: 3B   532 nm, E = 2,5 mJ Aiming beam: 2   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. © A.R.C. Laser 2018.



**VISIBLE AND INVISIBLE LASER RADIATION**  
Avoid direct irradiation of eye or skin or scattered radiation.  
Laser class: see table at the left

