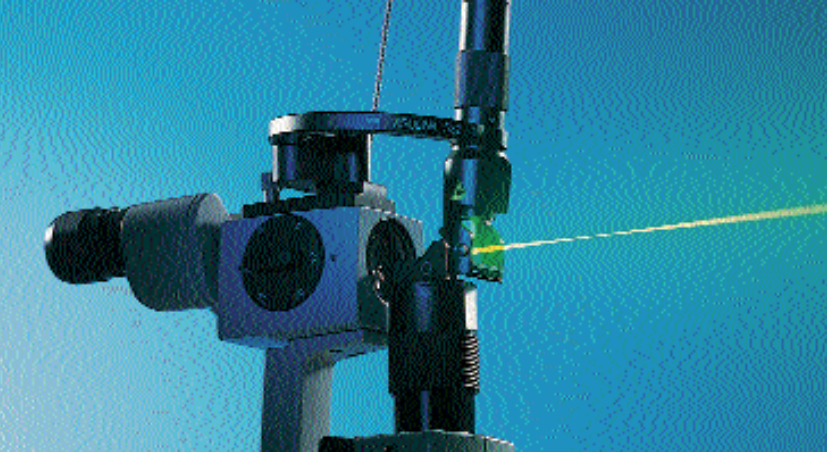


**VISULAS 532s.**  
**A laser of many talents.**





In the development of the VISULAS 532s we at Carl Zeiss have incorporated our many years of in-depth experience in the use of ophthalmic lasers. The result is a solution which has been consistently and precisely tailored to the needs of the user.

The new generation combines ease of use, efficiency and safety to provide ophthalmologists with an overall system sharply focused on their requirements.

The VISULAS 532s is a laser of many talents. It has been designed for laser therapy

- in the ophthalmologist's office
- in mobile use
- in the OR.

The major benefits for you:

### **Size matters**

VISULAS 532s is your guarantee of big performance in a small package. Inserted in its convenient transportation case, the compact system is immediately ready for action during mobile use.

VISULAS 532s is suitable for space-saving table or floor mounting, or you can simply attach it to the side of the instrument table. The control panel is detachable and can be slanted at whatever angle you find most suitable for your work. Also a good solution for left-handed users.



### **The last word in convenience**

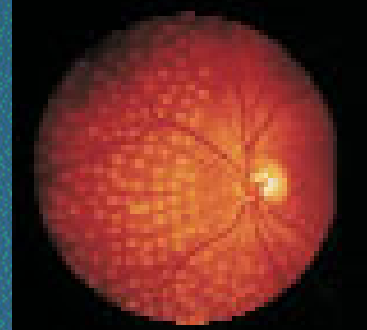
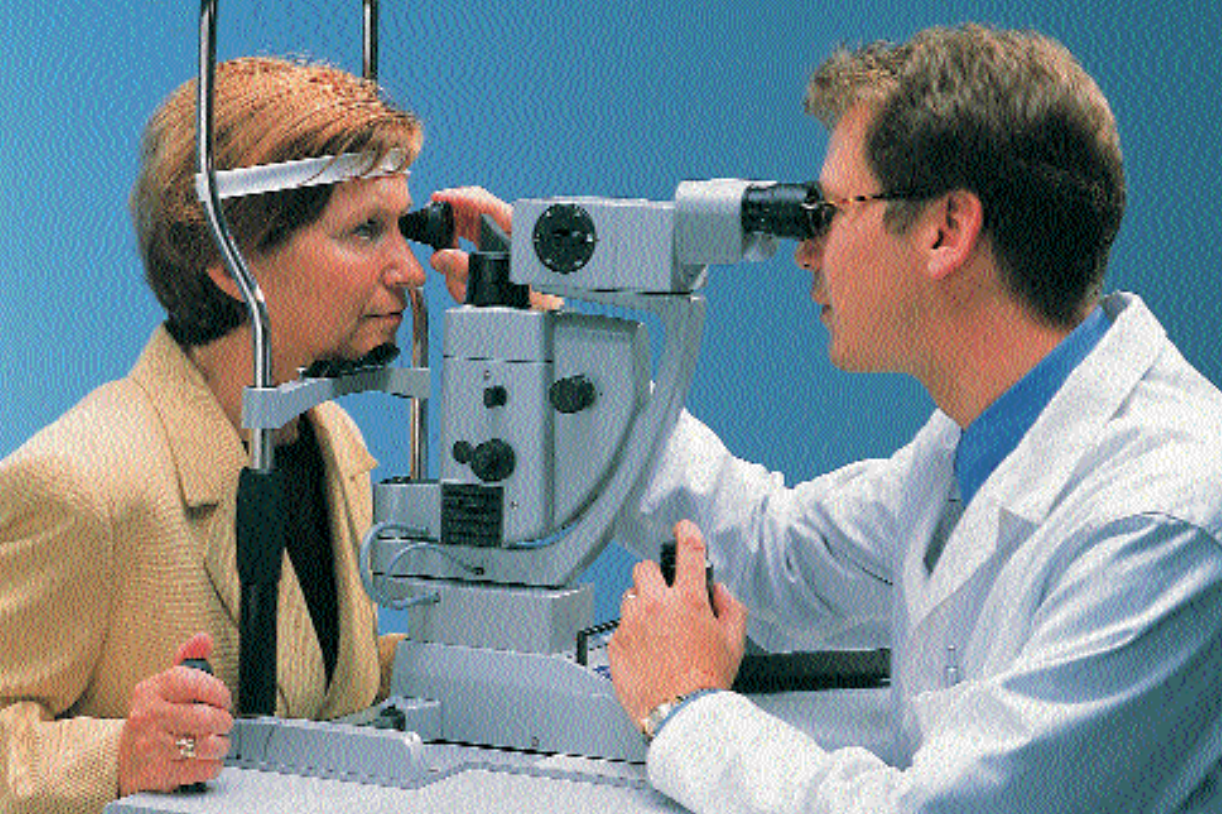
The detachable control panel of VISULAS 532s combines many ergonomic benefits for efficient, intuitive and reliable single-hand operation.

On the antireflective touchscreen - its brightness can be adjusted in steps - all parameters are visible with astounding clarity against a dark background. At long last, a system that defies room lighting!

Unique ease of use results from the combination of touchscreen and single-hand operation. After entering the parameters, you can continue to devote your full attention to the site of therapy - without interruption.

The PowerPress function allows you to directly select the power setting without taking your eyes off the site of treatment.

# Laser power of the new generation.



## The power is in your hands

Green laser - precise flash.

The laser light of VISULAS 532s is ideal for retinal photo-coagulation. The laser radiation source is a diode-pumped, solid state laser with a wavelength of 532 nm. The robust solid state technology of VISULAS 532s offers many impressive benefits.

The energy comes directly from the power socket. With low power consumption, the "diode on demand" technology guarantees a long service life.

Characteristic features of solid state lasers include minimum maintenance requirements and low energy consumption.

## Safety: Our no.1 priority

The safety concept implemented in VISULAS 532s incorporates all the experience gained with medical lasers. This includes the a true-to-color physician's safety filter which swings automatically into position each time the therapy beam is triggered. It guarantees unrestricted visibility during diagnosis and optimum protection against the laser light - all with outstanding color fidelity.

The electronic micromanipulator on the joystick ensures the ultimate in controlled safety.

The precise guidance of the aiming and therapy beams guarantees optimum illumination of the site of therapy at all times - regardless of whether it is in the periphery or in the vicinity of the macula.

# VISULAS 532s.

## Laser therapy in the office.

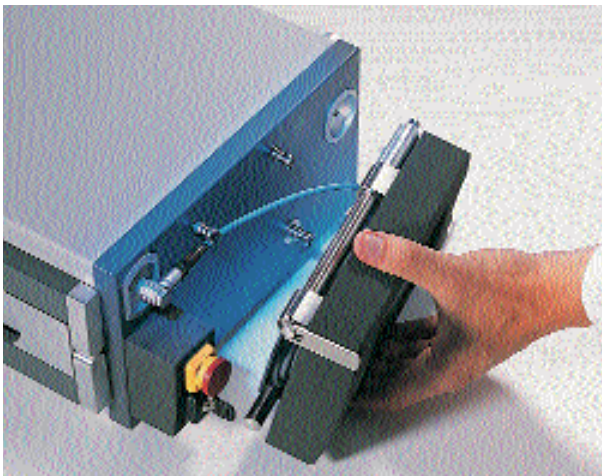
### Laser, table and slit lamp - the perfect trio

The LSL 532s Laser Slit Lamp offers three major benefits for use in the ophthalmologist's office:

- The laser beam is coupled coaxially into the illumination system. Together with the electronic micromanipulator, this results in optimum illumination of the site of therapy.
- The parfocal system from 50  $\mu\text{m}$  to 1000  $\mu\text{m}$  images the laser spot directly in the target tissue, hence increasing the safety of the procedure.
- The legendary Zeiss optics guarantee crisp images with razor-sharp definition, even at low light intensities.

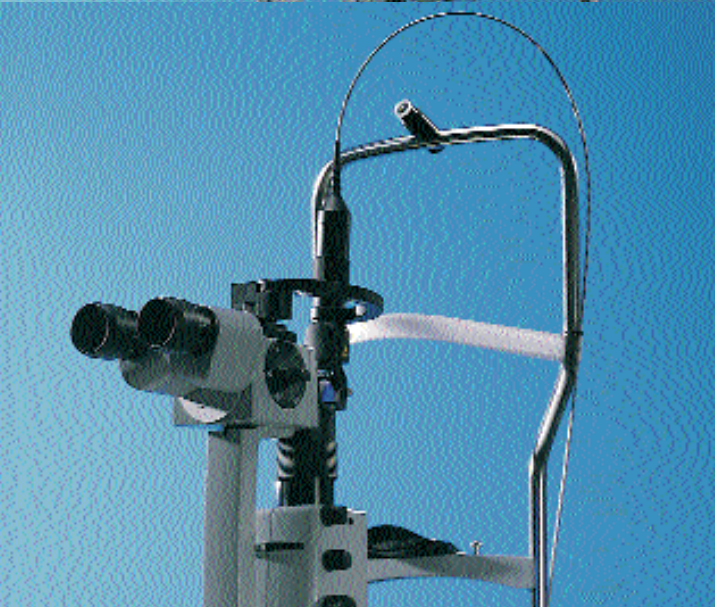
The full line of accessories for Carl Zeiss slit lamps is available – from the tonometer to the video documentation system. The compact design of VISULAS 532s allows it to be attached to the instrument table - a really space-saving solution.

VISULAS 532s extends the spectrum of patient care provided in the ophthalmologist's office. Laser therapy has become as easy as never before.



# VISULAS 532s.

## The laser in mobile use.



### Mobility and flexibility in one

In its convenient case, VISULAS 532s can be transported to wherever you want to use it. VISULINK® 532/U is available for use of the system on different slit lamps.

With its compactness, the various mounting possibilities and the detachable control panel, VISULAS 532s offers you the ultimate in flexibility.

### A winning team

VISULINK® 532/U consists of the link and an adapter. It operates with spot sizes from 50 µm to 1000 µm, is equipped with a true-to-color safety filter for the physician and can be used for slit lamps from Carl Zeiss and Haag-Streit.

The unique QuickFix mechanism allows the laser link to be quickly switched between the different slit lamps, provided they are equipped with a pre-adjusted adapter. After the switch has been made, work can commence immediately. This saves time and effort. For diagnosis, VISULINK® 532/U is simply swung out of position.



# VISULAS 532s.

## Our leading light for the OR.

### The specialist with team spirit

VISULAS 532s is really in its element in the OR. It is ready for action at any time, fits onto any OR cart, and in cramped conditions can be placed in any corner of the room.

The special benefits of the control panel - ergonomic design, reliable and straightforward operating functions - cannot fail to impress.

These are all aspects which are of key importance for optimum team work in the OR. And, of course, sterile operation, the possibility of cable extensions and the availability of numerous endo-probes all go without saying.

For use in the OR, Carl Zeiss offers physician's safety filters for surgical microscopes and the LIO 532 Laser Indirect Ophthalmoscope.



# Technical data.

## VISULAS 532s Laser Console

Laser type:	Frequency-doubled, solid state laser, diode-pumped, cw
Wavelength	532 nm
Power	1.5 W at the cornea
Aiming beam	Diode, 635 nm, max. 1 mW
Electrical connection	115 - 230 V, 50/60 Hz, max. 400 Watt
Pulse duration	10 - 2500 ms, cw
Autopulse	100 - 6000 ms pulse interval
Cooling	Thermoelectric
Dimensions (h x w x d)	150 x 300 x 400 mm
Weight	14 kg
Accessories	Endo-probes, LIO 532 Laser Indirect Ophthalmoscope, instrument table, table mount, transportation case, laser safety eyeglasses, contact lenses

## LSL 532s Laser Slit Lamp

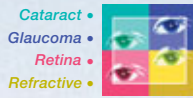
Laser beam delivery	Coaxial via slit illumination
Laser spot diameter	Continuously adjustable from 50 - 1000 µm, parfocal
Micromanipulator	Servo-electric
Physician's safety filter	True-to-color, swings automatically into position
Magnification	5 / 8 / 12 / 20 / 32 x
Slit adjustment	Slit height in steps 1 / 3 / 5 / 9 / 14 mm Slit width, continuous 0 - 14 mm
Illumination	12 V, 30 W; brightness continuously adjustable
Weight	11 kg
Accessories	Tonometer, video documentation, etc. from the accessory line for the SL 120 and SL 130 Slit Lamps

## VISULINK® 532/U

Spot size	Continuously adjustable from 50 - 1000 µm, parfocal
Compatible slit lamps	Zeiss SL 115 Classic, SL 120, SL 130, 20 SL, 30 SL Haag-Streit 900® BM / 900® BQ
Fiber	50µm, NA 0.1
Physician's safety filter	True-to-color, integrated
Weight	0.4 kg
Accessory	Transportation case

VISULINK® is a registered trademark of Carl Zeiss.





When your patients entrust you with their eyesight, their vision and your expertise converge. For the world's most advanced surgical and diagnostic solutions in ophthalmology, you can turn to Carl Zeiss Meditec. We're committed to earning your trust anew, every day.

### Absorption in Ocular Tissue

