



NEW

VISULAS green from ZEISS

Unmatched workflow efficiency in laser therapy

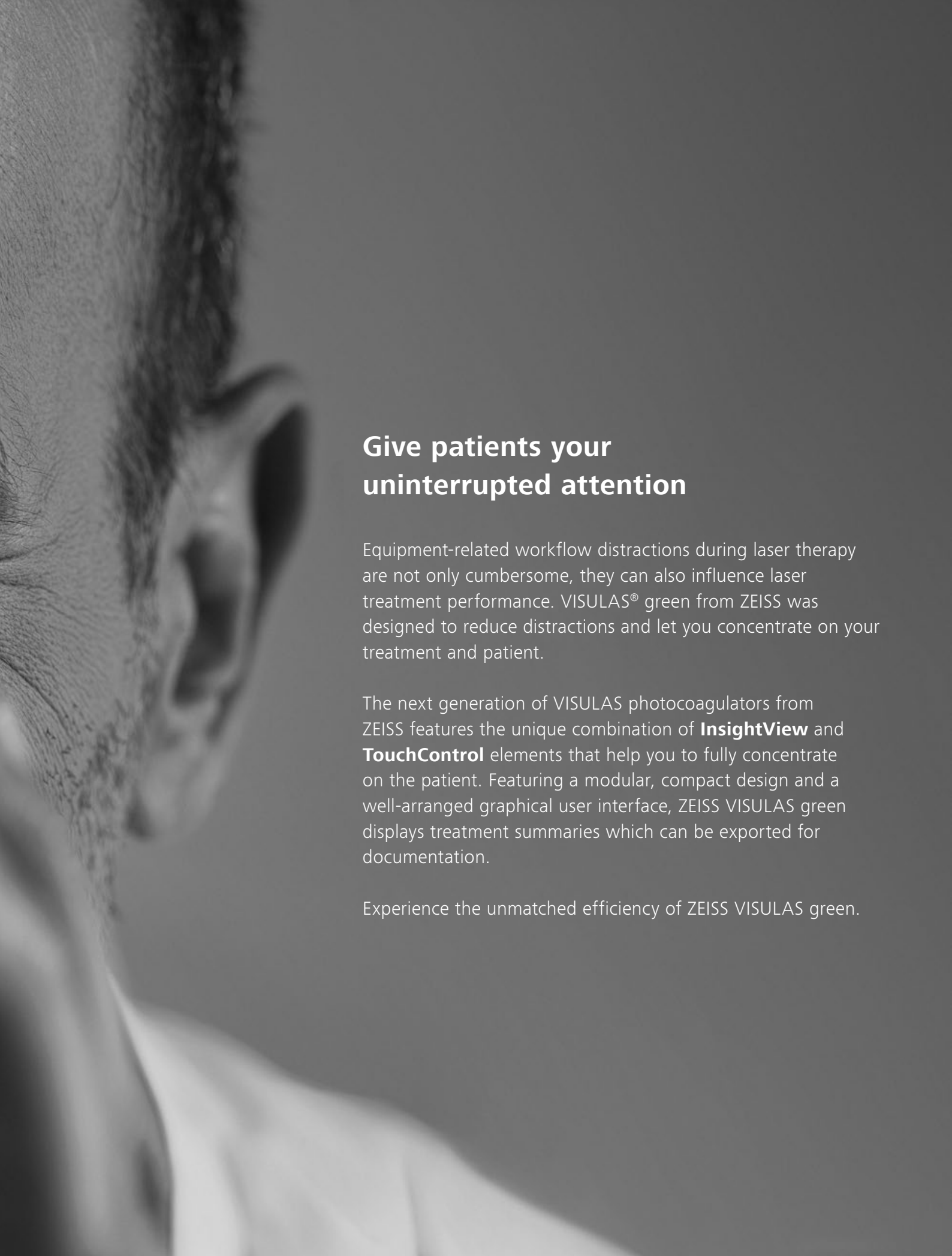




**Stay focused
on what counts.**

ZEISS VISULAS green

// INSPIRATION
MADE BY ZEISS



Give patients your uninterrupted attention

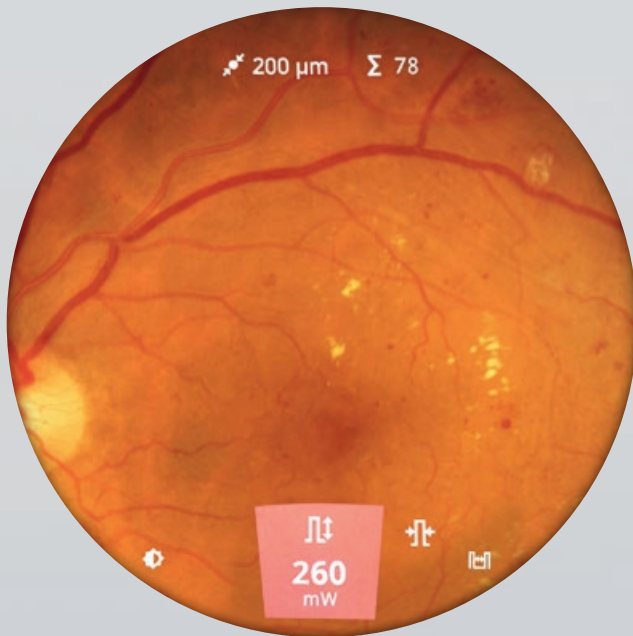
Equipment-related workflow distractions during laser therapy are not only cumbersome, they can also influence laser treatment performance. VISULAS® green from ZEISS was designed to reduce distractions and let you concentrate on your treatment and patient.

The next generation of VISULAS photocoagulators from ZEISS features the unique combination of **InsightView** and **TouchControl** elements that help you to fully concentrate on the patient. Featuring a modular, compact design and a well-arranged graphical user interface, ZEISS VISULAS green displays treatment summaries which can be exported for documentation.

Experience the unmatched efficiency of ZEISS VISULAS green.

Maximize your focus

ZEISS VISULAS green incorporates a unique combination of InsightView display and TouchControl center switch to support easy, efficient and highly-focused surgical treatments for retinal diseases and glaucoma. ZEISS VISULAS green turns daily clinical routine into a more convenient and more efficient treatment experience for both you and your patients.



InsightView display

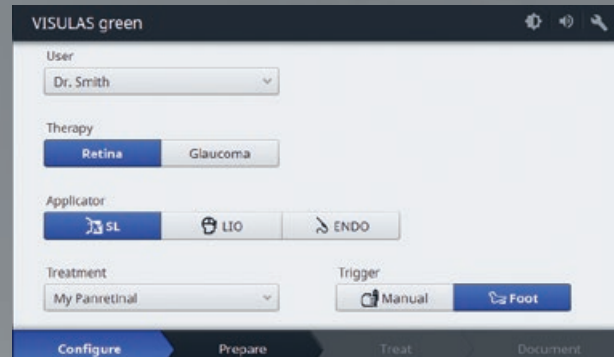
The ability to monitor important treatment settings directly in the eyepiece allows you to stay focused on the therapy session and your patient.

TouchControl center switch

Changing and adjusting laser parameters while operating the joystick, allows you to stay concentrated on the procedure without any interruption.



Increase your workflow efficiency



Configure your treatment protocols

Customize and save your treatment protocols including your preferred contact lens for multiple users and call them up with one touch.



Prepare and conduct your treatment session

The well-structured and workflow-oriented user interface of ZEISS VISULAS green provides you clear guidance and fast interaction.



Simplify your treatment documentation

Review the automated treatment parameter summary immediately after the procedure. Create a laser treatment report in the eye care data management system ZEISS FORUM®, elegantly and paperless.



A customized system for maximum comfort

Designed as a modular and expandable laser workstation, ZEISS VISULAS green is available in a Classic and a Comfort model and is equipped with a choice of single or dual fiber ports. The Comfort model is upgradable to handle multi-spot photocoagulation with the ZEISS *VITE* option to reduce treatment times. Short multi-spot pulse durations create smaller lesion sizes, and decrease the patient's pain perception.

VISULAS green can be customized to suit virtually all types of practice workflows and treatment preferences. A wide range of ZEISS applicators such as laser slit lamp LSL green, VISULINK® 532/U slit lamp adapter, laser indirect ophthalmoscope LIO VISULAS green, or laser endoprobes and high quality accessories compliment the multi-faceted VISULAS green.

ZEISS VISULAS green system options

Features	Classic	Comfort
	Laser console w/ single or dual fiber port	Laser console w/ single or dual fiber port
InsightView	Upgradeable	Yes
TouchControl center switch	Yes	Yes
TouchControl foot switch	Upgradeable	Upgradeable
Slit lamp magnification levels	8x, 12x, 20x	5x, 8x, 12x, 20x, 32x
<i>VITE</i> multispot photocoagulation option	No	Upgradeable
Joystick with manual trigger & electronic micromanipulator	Only with manual trigger	Yes
Automated treatment parameter summary	Yes	Yes
Ability to manage treatment data in ZEISS FORUM	Upgradeable	Upgradeable

Technical data

VISULAS green from ZEISS

ZEISS VISULAS green laser system

Laser type	Frequency-doubled solid-state laser
Wavelength	532 nm
Aiming beam	Diode, 620 to 650 nm, adjustable brightness, max. 1 mW at the cornea
Pulse duration (single pulse)	10 to 2,500 ms, cw (max. 180 s)
Pulse duration (multi-spot)	10 to 50 ms
Pulse duration (selective)	150 ns to 5 μ s
Pulse interval (single pulse)	10 to 6,000 ms
Max. power	1.5 W at the cornea
Cooling system	Thermoelectric
Rated voltage and frequency	100V to 240V AC, 50/60 Hz
Laser console dimensions	H 201 mm x W 230 mm x D 290 mm (H 79 inches x W 91 inches x D 114 inches)
Laser consol weight	≤ 7 kg (≤ 15.4 lbs)
Control panel weight	≤ 3 kg (≤ 6.6 lbs)



ZEISS LSL green laser slit lamp

Laser beam delivery	Interlaced with slit illumination system
Laser treatment spot size	Continuously adjustable, 50–1,000 μ m (without contact lens), parfocal, larger spot sizes depending on contact lens used
Illumination	12 V, 30W brightness continuously adjustable
Physician safety filter	True-to-color, fixed (ClearView®)

	Classic	Comfort
Magnification	8x, 12x, 20x	5x, 8x, 12x, 20x, 32x

Slit adjustment

Slit width	In steps	Continuous
	0.2/0.6/1.6/4.4/15.0 mm	0.0 to 14.0 mm
Slit height	In steps	In steps
	1/3/5/7/12/14/15 mm	1/3/5/9/14 mm
Slit image rotation	In steps	In steps
	0°/±45°/90°	0°/±45°/90°
Micromanipulator	Not available	Servo-electric
Weight	≤ 11.5 kg (≤ 25.3 lbs)	
Accessories	Tonometer AT 030, co-observation tube, SL-cam 5.0, instrument table, laser safety goggles, contact lenses, laser warning light	



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