



VISULENS 500 from ZEISS
Automated Lensmeter
Make your day-to-day work easier



We make it visible.

The easiest way to measure lenses

Make your day-to-day work easier with an automated lensmeter from ZEISS

Using the ZEISS VISULENS 500 you can speed up the refraction and prescription processes.

The ZEISS VISULENS 500 is equipped with a green measurement LED. It allows you to precisely determine the power of the entire set of different lens materials and designs without the need to adjust the Abbe number. This benefit will add speed as well as reliability to your examination process. In addition, ZEISS VISULENS 500 features an advanced UV transmission measurement system using four different wavelengths (365, 375, 395, 405 nm). The result: increased confidence for your patient and more upselling support for you.

Make your life easier – and increase patient satisfaction at the same time

The ZEISS VISULENS 500 is a straightforward, easy-to-use automated lensmeter designed to speed up your workflow. The instrument helps you to spend more time on customer and patient consultation or simply to increase your throughput. It will support you by checking correct lens centration in order to avoid complaints.

Choose the easy way to ensure precise measurement.



Highlights at a glance



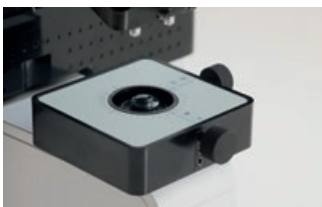
'Going green' allows easy and precise measurement of entire sets of different lens materials and indices without the need to adjust the Abbe number. Simply take a measurement and have confidence in the results. Analyze soft and hard contact lenses using the adapter accessories.



Comprehensively analyze lenses for their UV protective properties by measuring UV transmission simultaneously at four different wavelengths between 365-405 nm.



The ZEISS VISULENS 500 provides a 4-pin lens holder for the secure and reliable mounting of any kind of lens. A precise pen-type system ensures easy operation and clear marking of optical center and cylinder axis.



Further benefits

- Holder for frames adjustable for a wide range of frame (straight, loop, rimless, nylon)
- Optional contact lens adapter with precise XY positioning
- Integrated thermo printer
- Tiltable TFT display for operator comfort
- PD measurement
- Serial data output via RS232 interface
- Progressive/bifocal lens mode



Technical Data

VISULENS 500 from ZEISS

6 different operating modes are available

- Standard mode for single vision, multifocal and prism lenses
- Tinted Lens Mode
- Progressive Lens Mode
- Soft Contact Lens Mode
- Hard Contact Lens Mode
- UV Transmission Mode

Measurement wavelength 546 nm (e line)

Measuring range

Sphere power	-25 D to +25 D
Cylinder power	0 D to ± 10.00 D
Cylinder axis	0° to 180°
Addition value	0 D to +10 D
Prism value	0 Δ to 10 Δ
Pupil distance	0 mm to 81.8 mm

Measurement display

Diopters	0.01 / 0.125 / 0.25 D
Cylinder	Mix, +, -
Cylinder axis	1°
Prisms	0.01 / 0.125 / 0.25 Δ Cartesian / polar / decentering
Display	Tiltable 320 x 240 color TFT-LCD
Data interface	RS232
Power supply	100 V to 240 V~, 50/60 Hz, 40 VA
Dimensions (W x D x H)	210 mm x 270 mm x 417 mm
Weight	6 kg

UV-Transmission measurement

Wavelength	365 nm, 375 nm, 395 nm, 405 nm
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*ZEISS VISULENS 500 delivers
accuracy and reliability
right from day one*



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