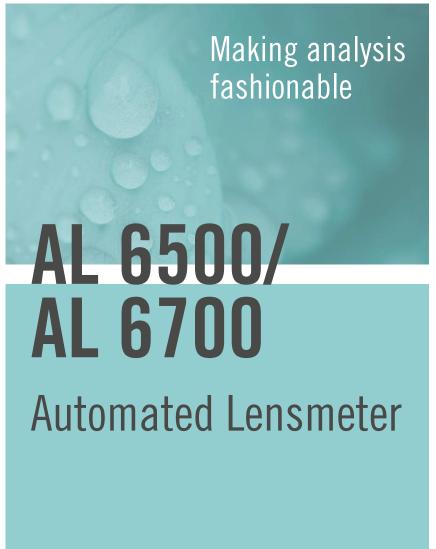
RODENSTOCK Instruments







The AL 6500/ AL 6700: Tune up your business



What are your benefits?



Brief and to the

functions meet

point: Traditional

modern technology.

Precision

Added value

Accurate lens power measurement thanks to Shack-Hartmann wavefront sensor technology with the option to select e-line or d-line and Abbe compensation



Easy to operate

Automated lens type recognition and automatic initiation of the measurement



Consistent quality

Smooth handling of all mechanical parts



UV and blue-light transmission can be easily determined at defined wavelengths



Connectivity

Ready to connect to Phoromat 2000 with RS-232 cable or via WiFi (AL 6700 only)

Your digital partner in consulting.

Outstanding features



Auto hold

Activates the auto initiation

of the measurement

7.0" LCD touch screen Continuously inclinable



AL 6500

Contact lens measurement

Additional features

PD measurement and WiFi

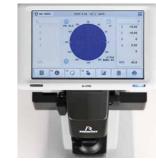
connection (AL 6700 only)

CL nose-piece included



Easy lens marking

Integrated lens marker tool for all types of lens coatings



AL 6700





Built-in thermal printer with auto-cut function



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Specifications

MEASUREMENT RANGE

Spherical power (SPH) $-25.00 \, \mathrm{D}$ to $+25.00 \, \mathrm{D}$ Cylindrical power (CYL) $-10.00 \, \mathrm{D}$ to $+10.00 \, \mathrm{D}$ Axial angle (AXIS) 0° to 180° Additional power 0 to $+10 \, \mathrm{D}$ Prism power 0 to $20 \, \Delta$

DIMENSIONS AND ELECTRICAL REQUIREMENTS

Dimensions WDH	198 × 245 × 420 mm
Weight	Approx. 5 kg
Voltage	AC 100 V to 240 V
Frequency	50/60 Hz
Power consumption	35-55 VA

MEASUREMENT INCREMENTS

 Dioptre
 0.01/0.06/0.12/0.25 D

 Prism
 0.01/0.06/0.12/0.25 Δ

MEASUREMENT PARAMETERS

Wavelength 525 nm, e-line 546.07 nm, d-line 587.56 nm

Transmittance of UV light 400 nm

Transmittance of blue light 420 nm

Abbe value 30 to 60

Diameter of the lens 5 to 120 mm

Pupillary distance 45 to 90 mm (for AL 6700 only)

HARDWARE PARAMETERS

Display	7.0" TFT colour touch LCD
Printer	Thermal printer
Output	RS-232C, WiFi (for AL 6700 only)

RODENSTOCK Instruments

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RODENSTOCK Instruments is a business unit of TOMEY GmbH



21/11 - subject to change without

Shack-Hartmann Wavefront Sensor

The Shack-Hartmann wavefront sensor technology with 145 measurement points in conjunction with green measurement light leads to high accuracy.







UV and blue light transmittance

- Result in 1-step percentage
- Visual illustration or bar chart available





Digital measuring template

After marking the optical lens centres, the direction indicator icons allow you to easily measure the distance between the left and right lens centres and the optical height.

