

**RODENSTOCK** Instruments



Making analysis  
fashionable

**AL 6500/  
AL 6700**

Automated Lensmeter

**R** RODENSTOCK

# The AL 6500/ AL 6700: Tune up your business



## What are your benefits?



### Precision

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



### Connectivity

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



### Added value

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



Brief and to the point: Traditional functions meet modern technology.



## Your digital partner in consulting.

## Outstanding features

AL 6500



Contact lens measurement

CL nose-piece included

Additional features

PD measurement and WiFi connection (AL 6700 only)

Auto hold

Activates the auto initiation of the measurement

AL 6700



7.0" LCD touch screen

Continuously inclinable

Easy lens marking

Integrated lens marker tool for all types of lens coatings

Printer

Built-in thermal printer with auto-cut function



# Specifications

## MEASUREMENT RANGE

Spherical power (SPH)	-25.00 D to +25.00 D
Cylindrical power (CYL)	-10.00 D to +10.00 D
Axial angle (AXIS)	0° to 180°
Additional power	0 to +10 D
Prism power	0 to 20 Δ

## 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)

## 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

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## 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.

