PLUG & TOUCH BY RODENSTOCK

LENSMETER AL 4100

Pre-calibrated. Pre-adjusted.

- **More performance for less money**
- **Automated detection and measurement of progressive lenses**
- **Prismatic lens measurement**
- **Contact lens mode**
- **Large, background illuminated display**
- **Auto hold function**

RODENSTOCK Instruments. In touch with your needs.

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QUALITY IN DETAIL

Real-time display and data handling

The Rodenstock **AL 4100 Auto Lensmeter** is a fully automated and very compact device. The sophisticated auto-hold function and the automated detection of progressive lenses are just two of the advanced features. The function buttons are conveniently located close to the lens display for easy access. The clearly structured alignment assistance enables precise lens positioning. The data of both lenses are stored and displayed on the large LCD screen. This valuable and competent system is competitively priced and the perfect tool for refraction room, shop or display.

Flexibility

It is possible to check all relevant lenses with the Rodenstock **AL 4100 Auto Lensmeter**. The unit permits measurement of all standard lenses, high-index lenses, bifocal as well as progressive lenses including prismatic power. The ABBE number is adjustable. The unit ensures easy measurement in dry mode for all contact lenses.

Accuracy and wide range

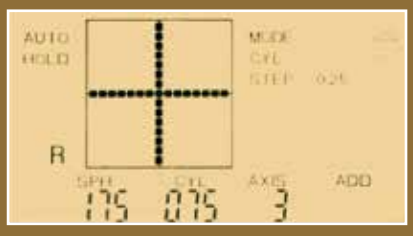
The specifications of the Rodenstock **AL 4100 Auto Lensmeter** demonstrate the highly accurate measuring abilities and wide measurement range for spherical and cylindrical values as well as for prismatic readings.

The large illuminated LCD screen

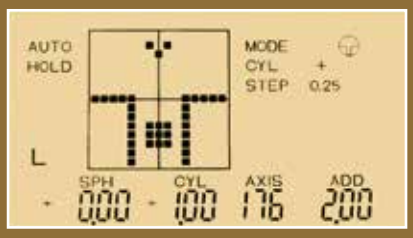
All significant data are displayed in real-time on the large and contrast-adjustable LCD screen. Thanks to the background illumination of Rodenstock **AL 4100 Auto Lensmeter** it is possible to have a clear view of the displayed in every environment.

Compact and efficient

The Rodenstock **AL 4100 Auto Lensmeter** has been designed with a minimal footprint, occupying little valuable space in your shop or front office. With its outstanding performance, the **AL 4100 Auto Lensmeter** will be a high value at low cost addition for every user.



Normal mode



Progressiv mode

SPECIFICATIONS

Measurement range

Sphere (SPH)	+/- 25 D
Cylinder (CYL)	+/- 9.99 D
Axis (AXIS)	0 to 180°
ADD	0 to 9.99 D
Prism	0 to 9.99 Δ

Measurement increment

Dioptre	0.01 / 0.12 / 0.25 D
Prism	0.01 / 0.12 / 0.25 Δ

Measurement mode

Cylinder	+ / ± / -
Prism	Rectangular coordinates / polar coordinates
Lens modes	Standard / high index / Bifocal / progressive lenses
Contact lens mode	Yes

Measurement parameters

Measurement time	0.035 sec.
Wavelength	660 nm
Sensor diameter / Beam diameter	Ø 3 mm / 10 mm
Lens blanks	20 to 100 mm
ABBE number	30 to 65

Data control

Display	LCD DOT (monochrome), Size: 4.0 Inches
Memory	Single
Switch button	Mechanical

Marking

Marking unit	Plastic
Cartridge	White

Dimensions & electrical requirements

Dimensions WDH	200 x 260 x 436 mm
Weight	Approx. 5 kg
Input	AC 100 to 240V
Frequency	50/60 Hz
Power consumption	Less than 40 VA

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