

PLUG & TOUCH BY RODENSTOCK

LENSMETER AL 5400 / AL 5600

Pre-calibrated. Pre-adjusted.

- 5.7" Colour touch screen
- Simultaneous measurement of UV transmittance and lens power (AL 5600)
- PD measurement (AL 5600)
- Refractive index calculation
- Modern progressive mode
- Very precise marking unit (metal + 4 pins)



QUALITY IN DETAIL



Colour touch screen

The Rodenstock **AL 5400 / 5600 Lensmeters** are very easy to operate with their tilttable 5.7" colour touch screen. Icons will guide you through the whole menu and guarantee fast and intuitive operation. It is possible to customise the colour and the shortcut menu buttons according to your preference.

UV transmittance (AL 5600)

While measuring the power of the lens the UV transmittance will be displayed simultaneously on the LCD screen. The UV demonstration screen is very useful to illustrate the effectiveness of UV blocking to your customer.

Auto table lock function

When the optical centre of the lens is aligned the lens table will lock automatically.

Modern progressive mode

The system detects and measures automatically all progressive lenses. Also modern multi-focal lenses may be measured in FAR, MID and NEAR areas.

Very precise marking unit

The Rodenstock **AL 5400 / 5600 Lensmeters** are equipped with a 4-pin lens holder and a metal manufactured lens marking unit. This makes marking of the lenses very precise. Of course both types of Lensmeters measure standard and high index, bifocal, trifocal, progressive and prismatic lenses. Both models offer an integrated, fast and silent printer, automatic contact lens mode and data storage for 99 single measurements.



UV demonstration screen (AL 5600 only)



Progressive mode

SPECIFICATIONS

Measurement range

Sphere (SPH) +/- 25 D
Cylinder (CYL) +/- 10 D
Axis (AXIS) 0 to 180°
ADD -2 to 10 D
Prism 0 to 10 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 /
displacement

Measurement parameters

Measurement time 0.035 sec.
Wavelength 660 nm
Beam diameter Ø 3 mm (AL 5400)
Ø 2.5 mm / 5 mm (AL 5600)
Lens diameter Ø 20 to 120 mm
(> 5 mm for CL)
ABBE number 20 to 65
Ref. index calculation YES
UV light transmittance 385 nm (AL 5600)
PD measurement 50 to 86 mm
(0.5 mm increments)
(AL 5600)

Data control

Display 5.7" TFT LCD touch panel
Alignment Cross cursor
Printer Thermal printer
Table lever Auto table lock function
External communication RS-232C, USB1.1

Marking

Marking unit Metal
Lens holder 4 pins
Cartridge White

Dimensions & electrical requirements

Dimensions WDH 205 x 249 x 445 mm
Weight Approx. 6 kg
Input AC 100 to 240 V
Frequency 50/60 Hz
Power consumption 35 to 55 VA

