



**High End
Automatic Lensmeter
AL 5000**



AL 5000

High End Automatic Lensmeter

Measurement

Range

Sphere Power (SPH) ± 25 D

Cylinder Power (CYL) ± 10 D

Axial angle (AXIS) 0 to 180°

Additional Power (ADD) -2 to 10 D

Prism Power 0 to 10 Δ

Increment

Diopter 0.01/0.12/0.25 D

Prism 0.01 / 0.12 / 0.25 Δ

Mode

Cylinder + / \pm / -

Prism Rectangular Coordinates / Polar Coordinates / Displacement

Measurement Time 0.035 seconds (sampling time)

Wavelength 660 nm

Diameter of the beam 2.5 mm, 5.0 mm

Diameter of the lens 20 to 120 mm (from 5 mm for Contact Lens)

Pupillary Distance 50 to 86 mm (step : 0.5 mm)

Measurement Object Spectacle lens / Contact lens / Optical lens

Abbe Numbers 0,25,30,35,40,45,50,55,60,65

Transmittancy of UV The peak of the wavelength is 385 nm

Data Control

Display 5.7 inches Color Touch Panel
Operation LCD (320 x 240 dot)

Alignment Cross Cursor

Printer Thermal Printer / LTP type /
384 dots / line

External Communication Port RS-232C, USB (USB1.1)

Dimensions and Electric Requirement

Dimensions 205(W) x 208(D) x 445(H) mm

Weight Approx. 6 kg (13.3 lbs.)

Power supply AC 100 to 240 V

Frequency 50 / 60 Hz

Consumption Power 40 to 50 VA



Features

Power Map

Supports progressive lens measurement

Auto Table Lock Function

The lensmeter automatically locks the lens table when aligned with the optical center.

UV transmissivity

Simultaneous measurement of UV transmissivity while measuring the power of the lens and the result can be printed out.

Very Silent High-Speed Printer

The drop-in type Printer allows you to replace the paper roll easily.

Improved marking points

The white ink is not easily repelled even on water-proof or anti-dirt coated glasses and is further visible also in sunglasses.

Designed for high-curved frames

Supports easily large and high-curved optical frames.

Practical Accessory Box

Accessories such as the CL nose piece can be stored neatly in the Accessory Box.

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