

*New Entry Model Auto Lensmeter*

# LM-500

AUTO LENSMETER



# Auto Lensmeter LM-500

## New Entry Model Auto Lensmeter

The LM-500 auto lensmeter provides simple and fast measurement with leading-edge NIDEK technology. Its quick detection and smooth measurement flow, even of progressive power lens, emphasises the benefits of an auto lensmeter.

### Faster & Easier for Progressive Power Lenses

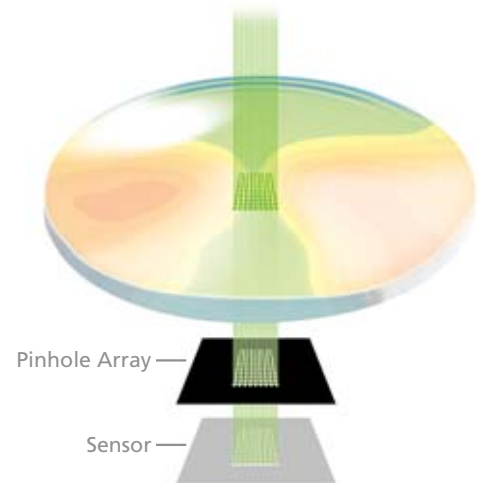
#### Hartmann Sensor with 108 Multiple Measurement Points

Advanced simultaneous measurement of 108 multiple points within the nosepiece provides easier and faster measurement with greater accuracy and reliability.

#### Green Measurement Light

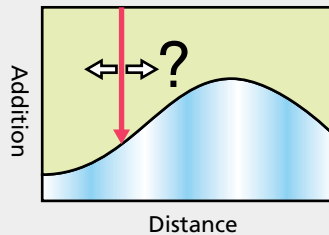
Green light close to the ISO standard gives more precise measurement values without Abbe value compensation.

#### HARTMANN SENSOR

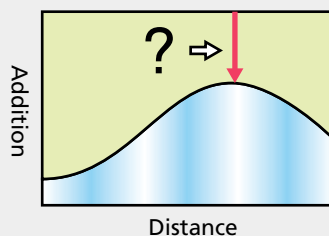


#### Conventional

Unable to determine the direction of the reading point without moving the lens around.

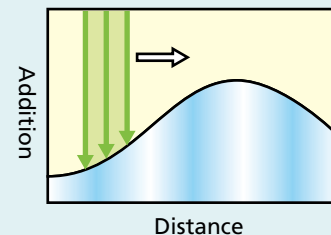


Unable to detect the reading point immediately.

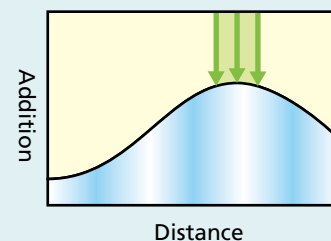


#### LM-500

Instantly decides the direction of the reading point.



Detects the reading point immediately.



## Refine the image of your office

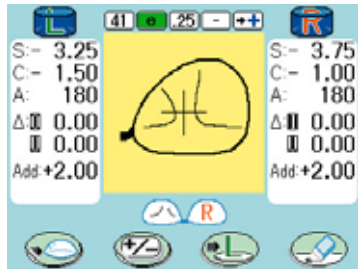
Its stylish design will enhance the look of your practice.

### ■ Compact and Light

Now that the auto lensmeter is no bigger than a manual lensmeter, the LM-500's compact and light body will fit in a shop, a workshop, or anywhere your want.

### ■ 3.5-inch Color & Full Graphic LCD

The newly designed 3.5-inch color and full graphic LCD monitor offers clear and easy recognition of various values, from single-vision lens to progressive.



### ■ Cute Design

The brand new stylish design adds to the overall appearance of any practice or laboratory.



### ■ Advanced Models of Auto Lensmeter



LM-1200 with PD meter



LM-1000P with Printer

# LM-500 Specifications

Measurement Range	
Sphere (Spectacle Lenses) (Contact Lenses)	-25.0 D to +25.0D -25.0 D to +25.0 D (BC=6.00 to 9.00) (0.01 / 0.06 / 0.12 / 0.25 D increments)
Cylinder	0 D to $\pm 9.99$ D (-, MIX, +) (0.01 / 0.06 / 0.12 / 0.25 D increments)
Axis	0 ° to 180 °
ADD	0 D to $\pm 9.99$ D (Add and Ad2) (0.01 / 0.06 / 0.12 / 0.25 D increments)
Prism	0 $\Delta$ to 15 $\Delta$ (horizontal, vertical) (0.01 / 0.06 / 0.12 / 0.25 $\Delta$ increments)
Features of measurements	Progressive power lens measurement, Detection of progressive power lens, Automatic addition power measurement, CYL mode conversion function (+/-), Compensation of high index lenses
Prism Mode	$\Delta$ , $\theta$ , Base In/Out, Base Up/Down
Measurable Lens Diameter	5 to 100 mm
Measuring Time	0.085 sec. $\pm 10\%$ (Minimum)
Measurable Transmittance	10% and over (20% and over for $\pm 15.0$ D to $\pm 25.0$ D)
Wavelength / Measuring Point	535 nm (Green) / 108 within nosepiece
Display	Color LCD with back light
Interface	RS-232C, USB
Marking system	ink cartridge type
Power Source	AC 100 V $\pm 10\%$ to 240 V $\pm 10\%$ 50 / 60 Hz
Power Consumption	40 VA
Dimensions & Weight	180 (W) x 185 (D) x 366 (H) mm / 3.5 kg 7.08 (W) x 7.28 (D) x 14.4 (H) " / 7.72 lbs.
Standard Accessories	Dust cover (x1), Power cord (x1), Contact Lens nosepiece (x1)
Optional Accessories	RS-232C interface cable, USB cable (with driver), foot switch, Marking cartridge (Blue, Red, White)



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\*Specifications and design are subject to change without notice for improvement.



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