



AUTO LENSMETER
LM-500



The Art of Eye Care

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.

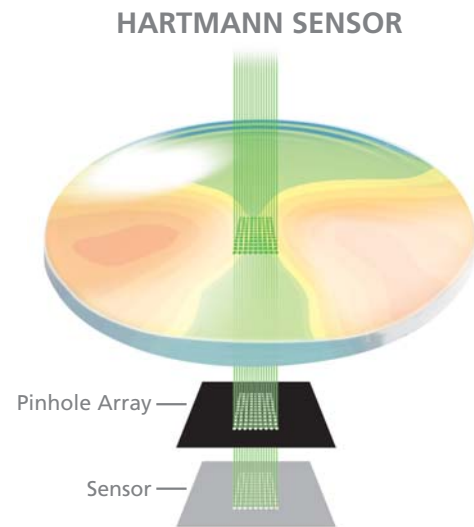
Faster & Easier for Progressive Power Lenses

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.

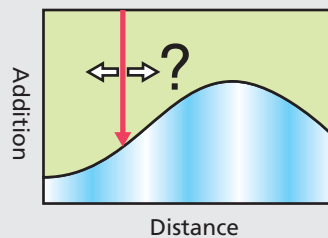
Green Measurement Light

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

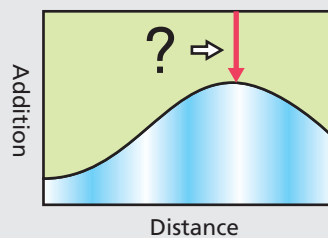


Conventional

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

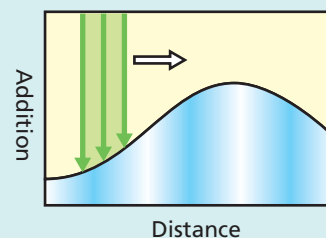


Unable to detect the reading point immediately.

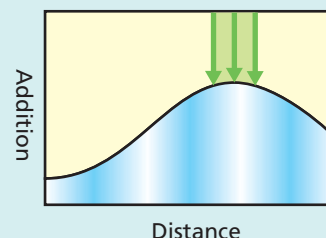


LM-500

Instantly decides the direction of the reading point.



Detects the reading point immediately.



Refine the image of your office

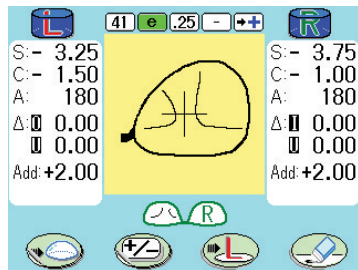
Its stylish design will enhance the look of your practice.

■ 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 you 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.

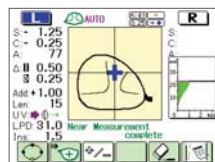


■ Cute Design

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



■ Advanced Models of Auto Lensmeter



LM-1000P with Printer



LM-1200 with Printer and PD meter

LM-500 Specifications

Measurement range	
Sphere (Spectacle lenses) (Contact lenses)	-25.0 D to +25.0 D -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 ± 10.00 D (-, MIX, +) (0.01 / 0.06 / 0.12 / 0.25 D increments)
Axis	0° to 180°
ADD	0 D to +10.00 D (Add and Ad2) (0.01 / 0.06 / 0.12 / 0.25 D increments)
Prism	0 Δ to 15 Δ (horizontal, vertical) (0.01 / 0.06 / 0.12 / 0.25 Δ 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	Δ, θ / Base In•Out, Base Up•Down
Measurable lens diameter	5 to 100 mm
Measuring time	0.085 sec. ±10 % (Minimum)
Measurable transmittance	10 % and over (20 % and over for ±15.0 D to ±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 ±10 % to 240 V ±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), Eye Care card system



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

*All LCD images are simulated.



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