

LM-500 Specifications

Measurement range	
Sphere (Spectacle lenses)	-25.0 D to +25.0 D
(Contact lenses)	-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.

 Eye & Health Care
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AUTO LENSMETER
LM-500

