



ULM-800

AUTO LENSMETER



Brilliantly Conceived & Beautifully Crafted

7 inch Color & Full Graphic LCD



Specially designed chips back up more clear graphic user interface, noticeable icons. Serve a convenient use-environment for user with intuitive and familiar UI and Touch Screen.

ULM-800 SPECIFICATIONS

Measurement Range

Spherical Power (SPH)	-25.00 ~ +25.00D (VD 12mm)	Increments : 0.01 / 0.06 / 0.12 / 0.25D
Cylindrical Power (CYL)	0.00 ~ ±10.00D	Increments : 0.01 / 0.06 / 0.12 / 0.25D Form : - / + / -+
Axis	1 ~ 180°	Increments : 1°
Addition Power	0.00 ~ ±10.00D	Increments : 0.01 / 0.06 / 0.12 / 0.25D
Prism Power	0.00 ~ 10.00Δ	Increments : 0.01 / 0.06 / 0.12 / 0.25Δ Form : OFF / X-Y / P-B
Pupil Distance (PD)	10 ~ 80mm	

Applicable lenses

Applicable Lens type	Single lens / Double focal lens / Three focal lens / Progressive multifocal lens
	Hard contact lens / Soft contact lens (A special accessory is required respectively)
Lens Diameter	16 ~ 100mm

Note

Data Out	RS-232C
Internal Printer	Thermal printer
Display	7.0 inch TFT Color LCD Monitor, Touch
Operation Environment	Temperature +10°C ~ +40°C Humidity 30% ~ 90% RH Atmospheric pressure range 70 kPa ~ 106 kPa Shock (without packaging) 10g / 6ms
Storage and Environmental Condition	Temperature -40°C ~ +70°C Humidity 10% ~ 95% RH Atmospheric pressure range 50 kPa ~ 106 kPa Shock 30g / 6ms Permanent shock 10g / 6ms Oscillate (sine curve) 10Hz ~ 500Hz, 0.5g
Power Supply	AC100V ~ 240V, 50/60Hz
Power Consumption	45 ~ 65VA
Dimension	184.5mm(W) X 255.5mm(D) X 476mm(H)
Weight	5.25kg

Product type

Standard One	Single, Progressive, Contact lens, Printer
Full Option	Single, Progressive, Contact lens, PD & UV, Printer

Designs and details can be changed without prior notice for its improvements.

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ULM-800 FEATURES

ULM-800 meets market requirement with UNICOS' High Technology and Modern Design. It serves quick response and reliable data with maximized satisfaction for user convenience.

Measurement



Cleaner and wider screen with 7 Inch Full-Color LCD Touchscreen.
It serves wide measurement range (-25D ~ +25D) and could measure Refraction, Astigmatism and Prism at the same time.
Progressive lens, Bifocal lens, Trifocal lens, Hard contact lens, Soft contact lens are measurable.
Single vision lens or Progressive lens could be detected automatically and switched quickly to corresponding measurement mode
Measurement of various lenses without adjusting ABBE number.

Marking Device (Ink Cartridge)



Long-lasting & Accurate representation.

Automatic printer & Compatibility



High-Speed printer shows necessary data to user.
ULM-800 could be easily compatible with all UNICOS' products.

Compact Lens Table



Compact lens table provides accurate and stable measurement for small-sized glasses, children' glasses, high curve glasses and so on without any interference.

110° Tilted Full Touch Monitor Display



LCD monitor with 7 inch Full-Color Touch Panel is designed to view till 110° for user convenience. Especially, designed chips provide clearer GUI, noticeable icons. Intuitive and familiar GUI provide easier operation without specialized knowledge.

UV Measurement

UV measurement is measurable simply and accurately with easy operation and shows UV transmittance in the range of 0% to 100% from various lenses including sunglasses.

UNICOS

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