



Auto Lensmeter

ULM·900

CE



Brilliantly Conceived & Beautifully Crafted

ULM-900 Auto Lensmeter

ULM-900 meets market requirement with UNICOS' high technology and modern design. It serves quick response and reliable data with maximized satisfaction for user convenience.

Adopting the Hartmann Sensor WAVEFRONT Technology

The **WAVEFRONT Technology** of the **Hartmann Sensor** enables accurate data detection compared to the existing **131 Pin hole** of the lens meter.



Accurate and Fast centering

Measurement error has been minimized through optimizing algorithms and optical points could be analyzed accurately using high-resolution camera.

Improved Multi-Focal Lens Measurement

ULM-900 could accurately measure the far vision and near vision by detecting the position of the lens in real time.



New interface – Screen PD measurement

7 inch Wide LCD allows to minimize eye fatigue and support lens separation mode and screen PD measurement to ensure user convenience.

Marking Device (Ink Cartridge)

Long-lasting & Accurate representation.



LCD 110° Tilted & Compact Lens Table

LCD monitor with 7 Inch Full-Color Touch Panel is designed to view till 110° for user convenience. Especially, Compact lens table provides accurate and stable measurement for small-sized glasses, children' glasses, high curve glasses and so on without any interference.

UV & BLUELIGHT Measurement functions

UV & BLUELIGHT blocking ratio of each lens could be measured to be shown on monitor at a glance.



Easy system UX

Designed chips provide clearer UX, noticeable icons. Intuitive and familiar UX provide easier operation without specialized knowledge.



Automatic printer & Compatibility

High-Speed printer shows necessary data to user.

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
UV, BlueLight	0 ~ 100%, 0 ~ 100%

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	20 ~ 100mm

Note

Data Out	RS-232C, USB
Internal Printer	Thermal printer
Display	7.0 inch Full Color LCD Monitor, Touch Panel
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	175mm(W) X 255.5mm(D) X 478mm(H)
Weight	5.25kg

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

UNICOS

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