

# ULM-800

AUTO LENSMETER

CE



**Brilliantly Conceived & Beautifully Crafted**

# ULM-800 FEATURES

It will meet market requirement with UNICOS' high technology and modern design. It serves quick response and it could measure smoothly and comfortably during using it.

## Measurement



Cleaner and wider screen with 7" Color LCD Monitor.

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 and so on.

Auto detection of Progressive lens.

Measure various lens without adjusting ABBE number.

## Marking Device (Ink Cartridge)



Long-lasting and accurate representation.

## PD Measurement

It detects the motion of lens automatically.

## Automatic printer & Compatibility

Built-in high-speed thermal printer, Compatible with UNICOS' products.

## UV Measurement

It could measure UV simply and accurately without compensation of UV transmittance ratio even in case of the various lens. (-25D ~ +25D)

## 110° Tilted monitor display

LCD Monitors are designed to view till 110 Degrees so that the user could operate the machine more conveniently.

## 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 / Bifocal lens / Trifocal lens / Progressive 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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