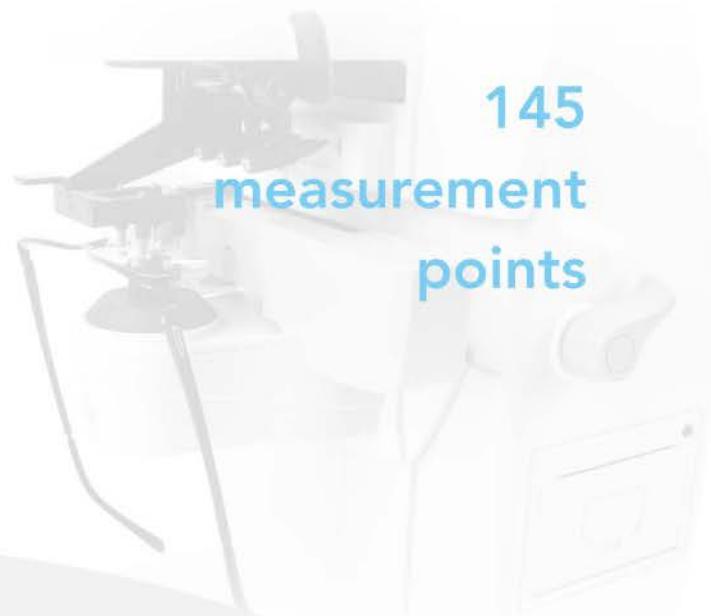




ELM1

Auto Lensmeter



145

measurement
points

Green measurement light

Hartmann sensor

7.0 inch touch screen

Features



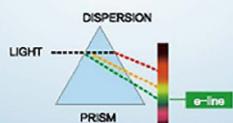
Hartmann sensor with 145 measurement points, progressive lens recognition more easy, and measurement more accurate.

More advanced hardware
Cursor tracing more smoothly and faster
Measurement more faster.

Enable to measure the ultra-low transmittance lens ($\geq 5\%$), available to measure the dark sunglasses, tinted lens and polaroid.



LCD angle adjustable, which provides more easy observe and more comfortable operation.



Green (Visible) measurement light

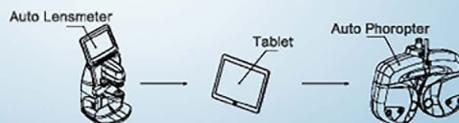


UV (A and B)/Blue light measurement function (Optional)



Fashionable design, more compact

Data transmission with computerized vision tester (Auto Phoropter)



Specification

Measurement Range	Sphere	-25.00 to +25.00 D (Step: 0.01 / 0.06 / 0.12 / 0.25 D)
	Cylinder	0 to + 10.00 D (Step: 0.01 / 0.06 / 0.12 / 0.25 D)
	Axis	0 to 180° (Step: 1°)
	ADD	0 to +10.00 D (Step: 0.01 / 0.06 / 0.12 / 0.25 D)
	Prism	0 to 20 D (Step: 0.01 / 0.06 / 0.12 / 0.25 D)
	Measurable lens diameter	Spectacle: 10 to 120 mm, Contact lens: 4 to 105mm
	Lens type	Spectacle lens (Single/Bifocal/Progressive), Contact lens, High index lens
Measurement Mode	Cylinder	-, MIX, +
	Prism	X-Y, P-B (in/out - horizontal and vertical)
PD Measurement	40.0 to 90.0mm, Single vision PD, Progressive lens far vision PD	
Wavelength / Measuring Point	535 nm (green) / 145 within nosepiece	
UV Transmittance	Wavelength - 300 nm to 400nm, Range: 1% to 100% (step - 1%)	
Display	7.0 - inch touch screen (800 x 480) LED / LCD (on request)	
Printer	Bult-in thermal printer	
Axis Marking System	Cartridge type sketch pen	
Abbe Compensation	20 to 60	
Interface	RS232 / LAN / USB	
Dimensions	203(W) x 233(D) x 471(H) mm	
Weight	4.5kg	
Power Supply	AC 100 to 240 V, 50 / 60 Hz	



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