



Vision Tester
SLY-100

Accurate measurement with simple and comfortable operation

Multiple auxiliary lenses

High-quality coated lenses



SLY-100 Specifications

Measurable range	
Sphere	-19.00 to +16.75 D
Cylinder	0.00 to -6.00 D (being 0 to -8.00 D when additional lens is used)
Axis	0 to 180°
Prism	0 to 20Δ
Measurement increments	
Sphere	0.25 D (being 0.12 D when 0.12 D auxiliary lens is used)
Cylinder	0.25 D (being 0.12 D when 0.12 D additional lens is used)
Axis	5°
Prism	1Δ
Cross cylinder lens	
±0.25 D	
Auxiliary lens	
for Right eye	(Symbol) (Details)
	O Open aperture
	R Retinoscopic lens; +1.50 D spherical lens (67 cm)
	P Polarizing filter, used for polarizing testing of stereoscopic vision and binocular balance of stereoscopic vision
	RMV Red Maddox rod lens, set vertically
	RMH Red Maddox rod lens, set horizontally
	RL Red filter lens
	⊕ Cross piece
	+ .12 +0.12 D spherical lens, and spherical power can be set by 0.12 D
	PH 1 mm diameter pinhole
	6ΔU 6 diopter base up prism
	±.50 Cross cylinder lens with horizontal plus axis
	OC Shelter from aperture
for Left eye	O Open aperture
	R Retinoscopic lens; +1.50 D spherical lens (67 cm)
	P Polarizing filter, used for polarizing testing of stereoscopic vision and binocular balance of stereoscopic vision
	WMV White Maddox rod lens, set vertically
	WMH White Maddox rod lens, set horizontally
	GL Green filter lens
	⊕ Cross piece
	+ .12 +0.12 D spherical lens, and spherical power can be set by 0.12 D
	PH 1 mm diameter pinhole
	10ΔI 10 diopter base in prism
	±.50 Cross cylinder lens with horizontal plus axis
	OC Shelter from aperture
PD measurement	
50 to 75 mm (1 mm increments)	
Convergence adjustment	
∞ to 380 mm (when PD is 64 mm)	
Forehead rest adjustment range	
16 mm	
Vertex distance	
13.75 mm	
Dimensions / Mass	
335 (W) × 320 (D) × 90 (H) mm / 4.5 kg 13.2 (W) × 12.6 (D) × 3.5 (H)" / 9.9 lbs.	
Standard accessories	
Near point rod, Near point card, Card holder, Dust cover, Accessories box, Face shield, Balloon with brush, Additional lens, Tightening screw	
Optional accessories	
Cylinder lens (-2.0 / -0.12 / 00 CYL)	

Caution : U.S. Federal Law restricts this device to sale, distribution, and use by or on the order of a physician or other licensed eye care practitioner.
Specifications and design are subject to change without notice.

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