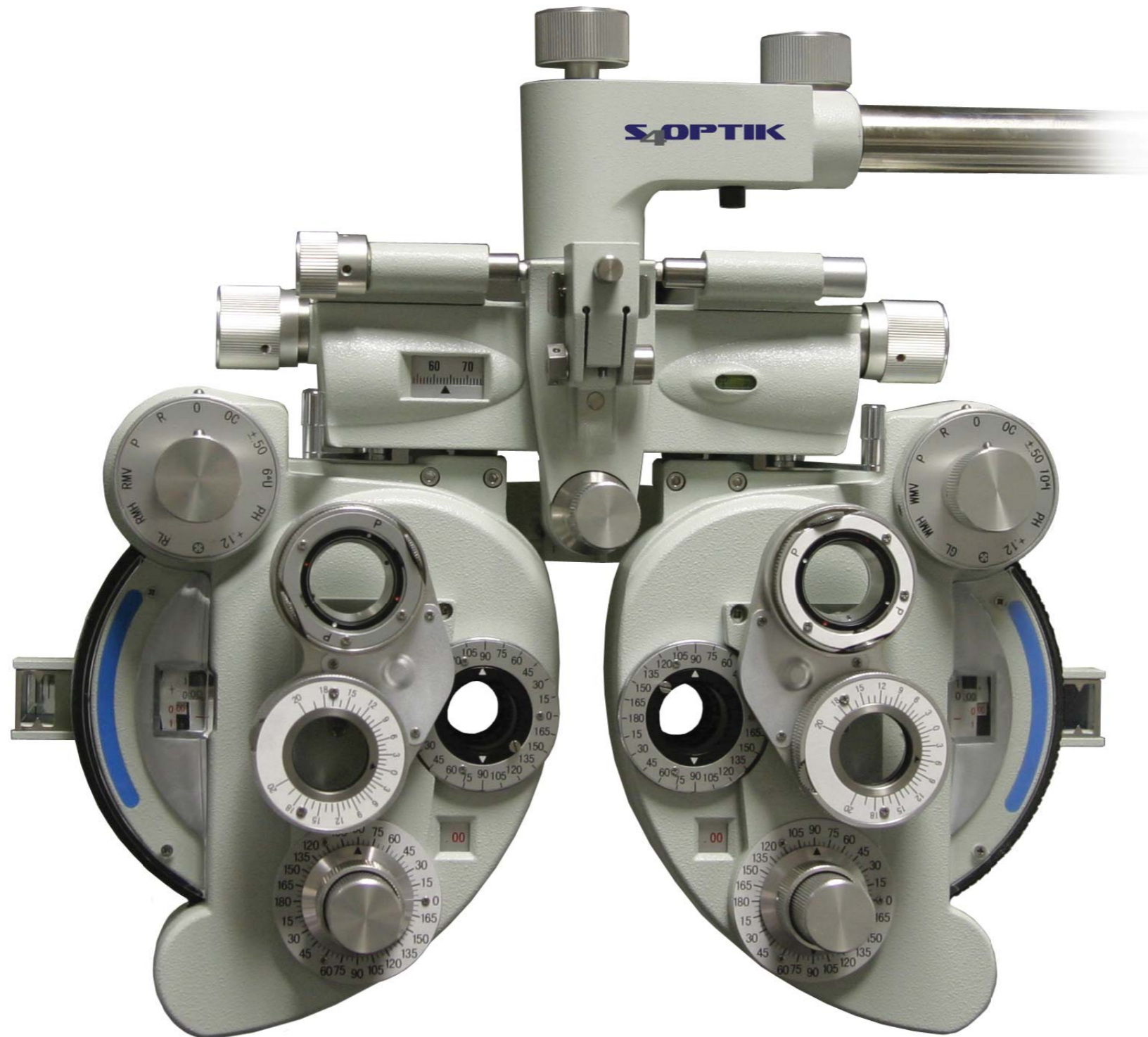


# S4OPTIK



**SLY-100**

Refractor

	Measurable Range	Increments
Sphere	-19.00 to +16.75 D	0.25 D (being 0.12 D when 0.12 D auxiliary lens is used)
Cylinder	0.00 to -6.00 D (being 0 to -8.00 D with Auxiliary lens)	0.25 D (being 0.12 D when 0.12 D Auxiliary lens is used)
Axis	0 to 180°	5°
Prism	0 to 20Δ	1Δ
Cross Cylinder Lens	±0.25 D	
PD Measurement	50 to 75 mm (1 mm increments)	
Convergence	∞ to 380 mm (when PD is 64 mm)	
Forehead Rest Adjustment Range	16 mm	
Vertex distance	13.75 mm	
Dimensions	335 (W) x 320 (D) x 90 (H) mm / 4.5 kg 13.2 (W) x 12.6 (D) x 3.5 (H)" / 9.9 lbs.	
Standard Accessories	Near point rod, Near point card, Card holder, Dust cover, Accessory box, Face shield, Ballon with brush, Additional lenses (Two -0.12 D and -2.00 D cylinder lenses and two plano lenses), Tightening screw	



**Sly-100**

Auxiliary Lenses

Symbol	Right Eye	Left Eye
O	Open aperture	
R	Retinoscopy lens; + 1.50 D spherical lens (67cm)	
P	Polarizing filter, used for polarizing testing of stereoscopic vision and binocular balance of stereoscopic vision	
RMV	Red Maddox rod, Vertical	
RMH	Red Maddox rod, Horizontal	
RL	Red filter	
WMV		White Maddox rod, Vertical
WMH		White Maddox rod, Horizontal
GL		Green filter
⊕	Pupil Position Alignment Cross	
+0.12	+0.12 D spherical lens to allow the spherical power to be set by 0.12 D	
PH	1 mm diameter pinhole	
6ΔU	6 diopter base up prism	
10ΔI		10 diopter base in prism
±.50	Cross cylinder lens with horizontal plus axis	
OC	Occluder	