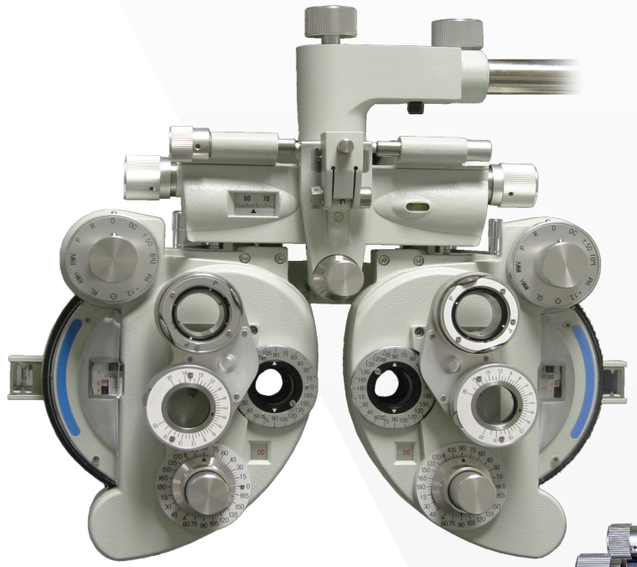
SL-Y100 REFRACTOR

The SL-Y100 manual refractor offers a comfortable feel and smooth operation for fast, easy exams.

FEATURES:

- Synchronized cross cylinders
- Fully coated lenses
- Full refraction range from -19.00D to +16.75D in sphere and to -8.00D cylinder (with accessory lens)
- Full complement of auxiliary lenses



TECHNICAL SPECIFICATIONS:

	MEASURABLE RANGE	INCREMENTS
SPHERE	-19.00 to +16.75 D	0.25 D (0.12 D auxiliary lens)
CYLINDER	0.00 to -6.00 D (being 0 to -8.00 D with Auxiliary lens)	0.25 D (0.12 D Auxiliary lens)
AXIS	0 to 180 °	5 °
PRISM	0 to 20Δ	1Δ
CROSS CYLINDER LENS	±0.25 D	
PD MEASUREMENT	50 to 75 mm	
CONVERGENCE	∞ to 380 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.	

AUXILIARY LENSES

SYMBOL	RIGHT EYE	LEFT EYE
O	Open aperture	
R	Retinoscopy lens; + 1.50 D spherical lens	
P	Polarizing filter, used for stereoscopic vision and binocular balance	
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	
+.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	
OC	Occluder	