



CR-1P/CRK-1P

Auto Refractometer /Auto RefractoKeratometer



The invisible technology behind REF optical system can be seen in the accuracy and stability of the measurement results.

Considering the refractive error of the patient, the measurement ring is projected on the retina, and is adjusted automatically by Smart Assembly moving to secure a stable signal. CRK improves the effect of uneven light reflection in normal and cataract eyes with the results being more accurate refractive power REF data.

Specification

Refractometry	Mode	CRK-1	✓	CR-1	✓
Vertex Distance (VD)		0.0, 12.0, 13.75, 15.0			
Sphere (SPH)		-30.00 ~ +25.00D (0.01,0.12,0.25D)			
Cylinder (CYL)		0.00 ~ +12.00D (0.01,0.12,0.25D)			
Axis (AX)		0° ~ 180° (1° UNIT)			
Astigmatism Indication		-, +, ± (MIXED)			
Pupil Distance (PD)		10 ~ 85 (mm)			
Minimum Pupil Diameter		Ø 2.0 (mm)			
Other					
Display	7 inch Wide Color TFT LCD Resistive Touch Panel				
Interface	RS - 232C				
Internal Printer	Thermal Line Printer				
Power Supply	100-240VAC, 1.0-0.6A, 50/60Hz				
Dimensions/Weight	261(W) 513(D) 433(H) mm/16kg				

Keratometry	Mode	CRK-1	✓	CR-1	✕
Radius of Curvature		5.0~13.0mm (Increments : 0.01mm)			
Cornea Power		25.96D ~ 67.50D (0.05, 0.12, 0.25D)			
Cornea Astigmatism		0.00 ~ -15.00D (0.05, 0.12, 0.25D)			
Axis		0~180° (Increments : 1°)			
Pupil, Iris Diameter		2.0~14.0mm (Increments : 0.1mm)			
Memory of Data		10 measurements for each eye			
Auto Tracking Distance		Up and down ±15mm			



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