



Auto Ref / Keratometer

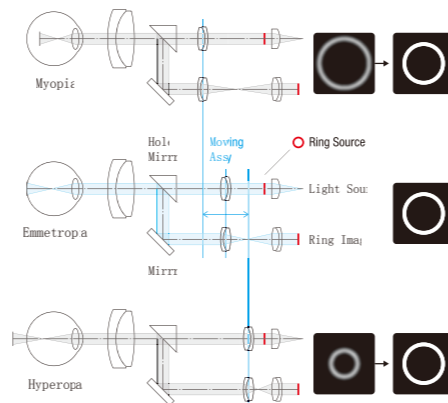
CR-1/CRK-1/CR-1P/CRK-1P



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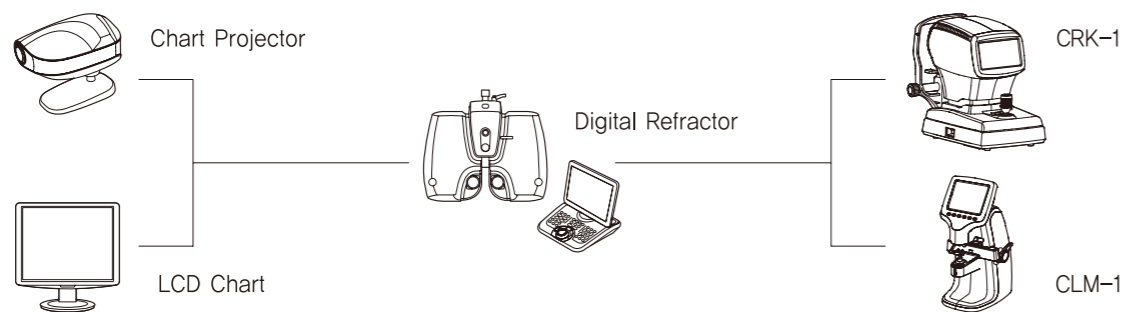
Smart Assembly Moving Control Technology

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.



Smart Assembly Moving Control (SAMC) Tech

System Networking



Specification		CR-1	CRK-1	CR-1P	CRK-1P	
Measurement Mode	K/R Mode	Continuous Keratometry & Refractometry	×	○	×	○
	REF Mode	Refractometry	○	○	○	○
	KER Mode	Keratometry	×	○	×	○
	Retro-ILL	Retro-illumination	×	×	○	○
	Color View Mode	Color View & Contact Lens Fitting Assistance (White & Blue LED Light)	×	×	○	○
Refractometry	Vertex Distance (VD)	0.0, 12.0, 13.75, 15.0				
	Sphere (SPH)	-30.00~+25.00D (VD=12mm) (Increments : 0.01, 0.12, 0.25D)				
	Cylinder (CYL)	0.00~±12.00D (Increments : 0.01, 0.12, 0.25D)				
	Axis (AX)	0~180° (1° unit)	○	○	○	○
	Astigmatism Indication	-, +, ± (Mixed)				
	Pupil Distance (PD)	10~85mm				
	Minimum Pupil Diameter	Ø2.0mm				
	Radius of Curvature	5.0~13.0mm (Increments : 0.01mm)				
Keratometry	Cornea Power	25.96D~67.50D (Increments : 0.05, 0.12, 0.25D) (When cornea equivalent refractive index is 1.3375)				
	Cornea Astigmatism	0.00~15.00D (Increments : 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	×	×	○	○
Others	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) X 513 (D) X 433 (H)mm/16kg					

Designs and details can be changed without prior notice for the purposes of improvement.