Auto Ref / Keratometer

LRK-7000 & LRK-7800

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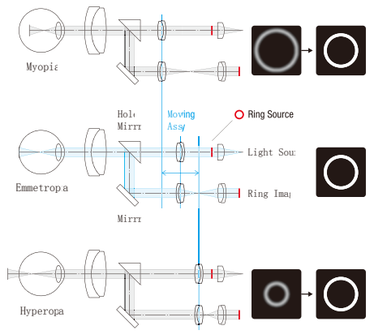
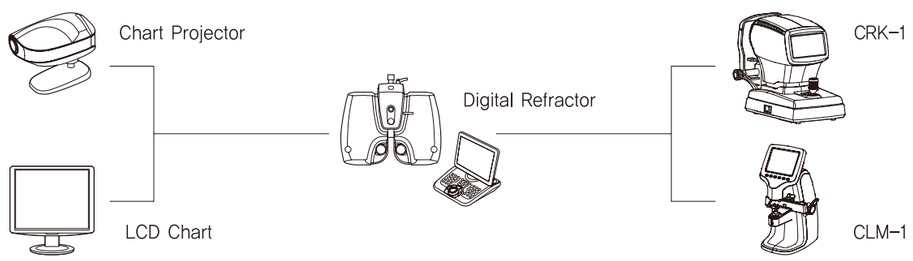
Smart Assembly Moving Control Technology

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			LRK-78000	LRK-7000
Measurement Mode	K/R Mode	Continuous Keratometry & Refractometry	O	O
	REF Mode	Refractometry	O	O
	KER Mode	Keratometry	O	O
	Retro-ILL	Retro-illumination	O	X
	Color View Mode	Color View & Contact Lens Fitting Assitance (White & Blue LED Light)	O	X
Refractometry	Vertex Distance (VD)	0.0, 12.0, 13.75, 15.0	O	O
	Sphere (SPH)	-30.00~+25.00D (VD=12mm) (Increments : 0.01, 0.12, 0.25D)	O	O
	Cylinder (CYL)	0.00~±12.00D (Increments : 0.01, 0.12, 0.25D)	O	O
	Axis (AX)	0~180° (1° unit)	O	O
	Astigmatism Indication	-, +, ± (Mixed)	O	O
	Pupil Distance (PD)	10~85mm	O	O
	Minimum Pupil Diameter	Ø2.0mm	O	O
Keratometry	Radius of Curvature	5.0~13.0mm (Increments : 0.01mm)	O	O
	Cornea Power	25.96D~67.50D (Increments : 0.05, 0.12, 0.25D) (When cornea equivalent refractive index is 1.3375)	O	O
	Cornea Astigmatism	0.00~-15.00D (Increments : 0.05, 0.12, 0.25D)	O	O
	Axis	0~180° (Increments : 1°)	O	O
	Pupil, Iris Diameter	2.0~14.0mm (Increments : 0.1mm)	O	O
	Memory of Data	10 measurements for each eye	O	O
Auto Tracking Distance	Up and down	±15mm	O	X
Others	Display	7 inch Wide Color TFT LCD Resistive Touch Panel	O	O
	Interface	RS-232C	O	O
	Internal Printer	Thermal Line Printer	O	O
	Power Supply	100-240VAC, 1.0-0.6A, 50/60Hz	O	O
	Dimensions / Weight	261(W) X 513(D) X 433(H)mm/16kg	O	O

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