

i-Optik[®]

Unmatched Performance & Speed
Provides Comfortable User-friendly Environment



RUGGED
VERSATILE
EFFICIENT

RM 9800 / KR 9800

Auto Refractometer / Auto Refkeratometer

NEW

CE FDA

RM 9800 / KR 9800

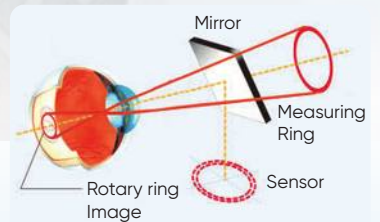
TECHNOLOGY

NEW AGE ADVANCE TECHNOLOGY

Extremely Accurate

The unique ARM processor and the latest image processing algorithm are responsible for extremely accurate measurements

Also automatic measurement mode eliminates manual operational errors



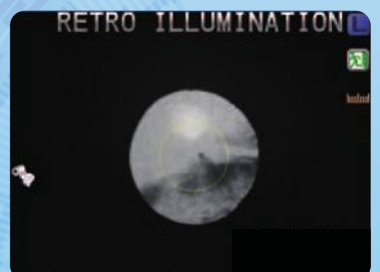
Advance Optical Path System

German mature optical path system and humanized automatic mist measurement process reduce an error caused by accommodation. Thus more precise measurement accuracy



Retro Illumination

The Retro Illumination image enables the observation of opacity of the optical media of the eye such as Cataract



EXPERIENCE THE WHOLE NEW AUTO REFRACTOMETER

i-Optik®

The New RM / KR 9800 utilizes a unique algorithm analysis principle which surpasses conventional method and ensures added value for extremely accurate measurements

FUNCTIONS

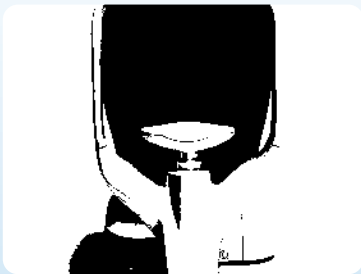


One touch lock & Motorized movement

The whole body of RM/ KR 9800 can be fixed with an advance one touch lock. Additionally motorized up & down body movement through joystick enables extremely user-friendly working environment.

Fast & User Friendly Operation

Tilttable 7 inch. high resolution colour touch screen with intuitive interface for utmost operator convenience even in standing position.

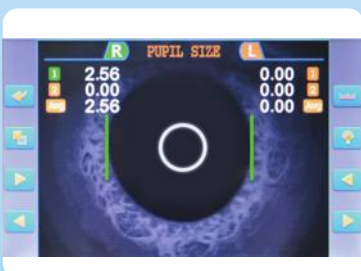


Motorized Chin Rest Movement

The Motorized Chin Rest with simple Up / Down button facilitates smoother operation amongst Patients of all age groups.

Auto Tracking Function

The Auto Tracking function assists the operator by speeding up the measurement process and reducing the work load efficiently.



Pupil and Cornea (White to white) Diameter measurement

Measurement of Pupil size enables the operator to check refraction in different environment conditions such as Scotopic, Mesopic and Photopic. Also, White to White measurement is helpful in certain IOL calculation formula which is needed for cataract surgery.

Technical Specifications

	RM 9800	KR 9800
Refraction Measurement		
Vertex Distance	0.0, 12.0, 13.75, 15.0mm	
Sphere	-25.00~ +22.00D (0.12/0.25D Step) (VD=12mm)	
Cylinder	0.00~±10.00dD (0.12/0.25 Step)	
Axis	0 ~ 180° (1° Step)	
Pupil Distance	10~85 mm	
Minimum Measurable Pupil diameter	ø 2.0 mm	
Target	Automatic fogging target	
Keratometry Measurement		
Curvature radius	-	5~10mm (0.01 mm Step)
Refractive power	-	33.75D~67.50D(0.12/0.25D Step)
Cylindrical power	-	0.00~15.00D(0.12/0.25D Step)
Axis	-	0~180° (1° Step)
Corneal Diameter	-	2.0~12.00mm
Hardware Specification		
Monitor	7.0 inch Color LCD	
Printer	Thermal printer with easy loading and auto cutter	
Power saving	5/15 minutes	
Data output	RS 232/Bluetooth	
Power supply	AC100-240V, 50/60 HZ, 50W	
Dimensions/Weight	262(W) x 487(D) x 467(H)mm/17.5kg	

System Networking



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