

i-Optik

Unmatched Performance & Speed
Provides Comfortable User-friendly Environment

RM-9800/KR-9800

Auto Refractometer / Auto Refkeratometer



Smart



Accuracy



Fashionable

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OPHTHALMIC EQUIPMENT

■ Functions

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



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 and height adjustment

makes the operation easier and smoothly.



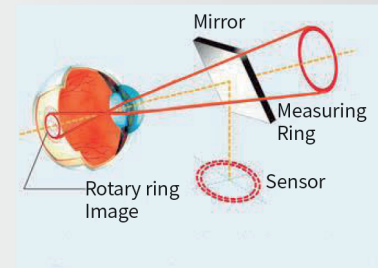
Auto Tracking Function

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

EXPERIENCE THE WHOLE NEW AUTO REFRACTOMETER

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.



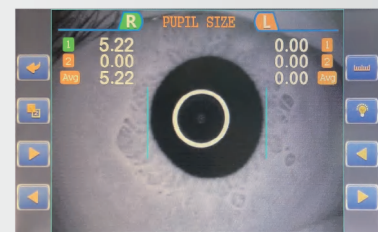
Retro Illumination

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



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~±10.00D (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	Rs232/Bluetooth	
Power supply	AC100-240V, 50/60 HZ, 50W	
Dimensions/Weight	262(W) x 487(D) x 467(H)mm/17.5kg	

System Networking

