

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

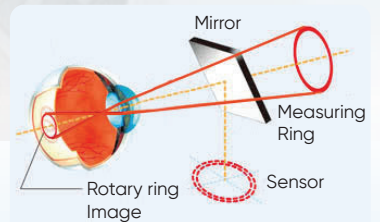
TECHNOLOGY

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

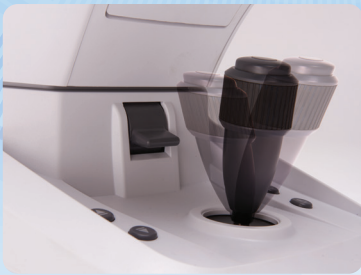


EXPERIENCE THE WHOLE NEW AUTO REFRACTOMETER

i-Optik®

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

FUNCTIONS

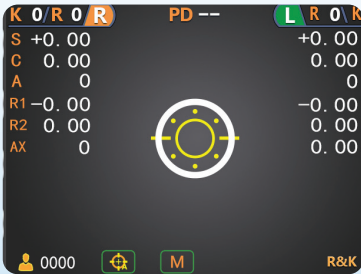


One touch lock & Motorized movement

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.

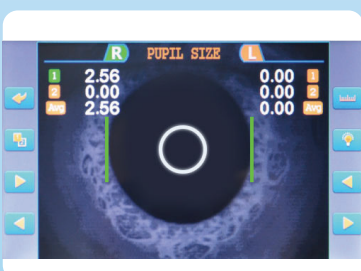


Data Access on a Single Screen

Simultaneous display of left and right eye measurements enables the operator to access the patient data in a single view.

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 | 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



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