

Auto Ref/keratometer Auto Refractometer



KR-9000 / RM-9000

Auto fog system, providing stable and reliable measurements

KR-9000 / RM-9000 adopts a mature optical system, the auto fogging process can effectively reduce the accommodation of human eyes and ensure the patient refraction in the best condition.

Features and benefits

The KR-9000 / RM-9000 is an ophthalmic device, intended for:

- Optimal fogging to minimize accommodation for an accurate refraction measurement (Sphere, cylinder and axis)
- Measuring the radius of the cornea(KR-9000 model)
- Measuring the pupil distance
- Measuring the pupil size



Refraction measurement

Measuring the sphere, cylinder and axis at same time, up to 10 measured data can be recorded for each eye.



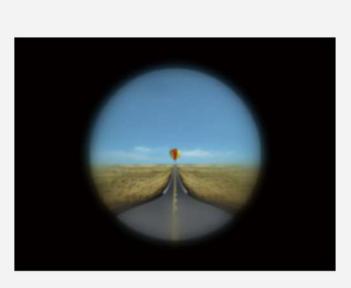
Corneal curvature measurement (KR-9000 model)

Measuring corneal curvature when choose "R&K" or "KER" mode.



And:

- Automatic measurement after alignment
- Build-in thermal printer
- One-key lock
- IOL measurement mode on/off
- Data transmission with computerized vision tester







Specifications

Refractive S

measurement

Sphere: -20.00 ~ +20.00D

(0.12 / 0.25D step) (VD=12mm)

Cylinder: $0.00 \sim \pm 10.00D (0.12 / 0.25D \text{ step})$

Axis: $1^{\circ} \sim 180^{\circ} (1^{\circ} \text{ step})$ Pupil Distance: $30 \sim 85 \text{ mm}$ Minimum measurable $\phi 2.0 \text{mm}$

pupil diameter:

Target fixation: Auto fog system

Corneal curvature

measurement

(KR-9000 model only)

Radius of curvature: $5 \sim 10$ mm (0.01mm step)

Corneal Refraction: $33.75 \sim 67.50D (0.12 / 0.25D \text{ step})$ Corneal Astigmatism: $0.00 \sim -15.00D (0.12 / 0.25D \text{ step})$

Axis: $1^{\circ} \sim 180^{\circ} (1^{\circ} \text{step})$

Corneal diameter: 2.0 ~ 12.00mm

Others Monitor: 5.7-inch Color LCD

Printer: Thermal line printer
Power saving function: OFF / 5 / 15 minutes

Power supply: AC110 ~ 220 V,50/60HZ, 50W

Dimensions/weight: 288 (W) *500 (D) *480 (H) mm/15.5kg

Designs and specification can be changed without prior notice for the purpose of improvement.

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