

i-Optik

Better vision, Better life

KR-9000 / RM-9000

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 measurement

Sphere:	-20.00 ~ +20.00D (0.12 / 0.25D step) (VD=12mm)
Cylinder:	0.00 ~ ±10.00D (0.12 / 0.25D step)
Axis:	1° ~ 180° (1° step)
Pupil Distance:	30 ~ 85 mm
Minimum measurable pupil diameter:	φ2.0mm
Target fixation:	Auto fog system

Corneal curvature measurement

(KR-9000 model only)

Radius of curvature:	5 ~ 10mm (0.01mm step)
Corneal Refraction:	33.75 ~ 67.50D (0.12 / 0.25D step)
Corneal Astigmatism:	0.00 ~ -15.00D (0.12 / 0.25D step)
Axis:	1° ~ 180° (1° 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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