

LENSit

Speed & Accuracy Redefined



Auto Ref-Keratometer /Refractometer

KR-9/AR-9

A new flat screen monitor with a beautiful graphics display and excellent visibility. Sophistication contained within a simple and compact body design.

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AR-9 Auto Refractometer

A vertical tilt function (40°) have been added to the monitor unit. This swivel function allows measurement while supporting the patient. The operational screen has been also redesigned completely.

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Features



One Touch Lock & Small Pupil Size

AR-9 / KR-9, user friendly locking and unlocking by simple push and pull of a knob.



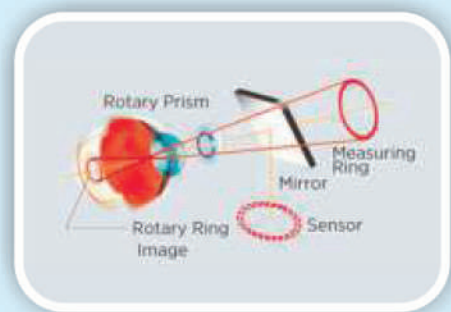
Automatic Printer with Auto Cutter

The Machine comes with the high speed printer with auto cutter, user friendly paper roll replacement



User Friendly Tilttable Screen

Tilttable 5.7 inch colour LCD convenient while even standing position.



Unparalleled Accurate & Small Pupil Size

The unique rotary prism technology, allows for unparalleled precision and reliability. This system measure a wider area of the retina while permitting measurement through pupils as small as 2mm in diameter .



Advance Optical Path System

Japan's mature optical path system, humanized automatic mist measurement process, to reduce the error caused by adjustment, more precise measurements.



IOL Measure Mode

Most accurate measurements for pseudophakic (IOL Implanted) eyes

Auto Ref-Keratometer /Refractometer KR-9/AR-9

SPECIFICATIONS			KR-9	AR-9
Refractive measurement range (Ref measurement)	Sphere (S)	Measurement range	-25D~ +25D (VD=12)	-25D~ +25D (VD=12)
		Unit	0.12D, 0.25D	0.12D, 0.25D
	Cylinder (C)	Measurement range	0D~±10D (VD=0)	0D~±10D (VD=0)
		Unit	0.12D, 0.25D	0.12D, 0.25D
		symbol	-, +, ±	-, +, ±
	Axis (A)	Measurement range	0°~180°	0°~180°
		Unit	1°	1°
Vertex distance			0, 10, 12, 13.5, 15mm	0, 10, 12, 13.5, 15mm
Minimum pupil diameter measurable			φ2.0mm	φ2.0mm
Corneal curvature radius measurement	Corneal curvature radius	Measurement range	5.0mm~10.0mm	—
		Unit	0.01mm	—
	Corneal refractivity	Measurement range	33.00D~67.00D (where corneal refractive index n=1.3375)	—
		Unit	0.12D, 0.25D	—
	Degree of corneal astigmatism	Measurement range	0D~±10D	—
		Unit	0.12D, 0.25D	—
		symbol	mm, -D, +D	—
Axis angle	Measurement range	0°~180°	—	
	Unit	1°	—	
PD measurement	Measurement range		30mm ~ 85mm	30mm ~ 85mm
	Unit		1mm	1mm
Pupil diameter measurement	Measurement range		φ2.0mm~φ8.5mm	φ2.0mm~φ8.5mm
	Unit		0.1mm	0.1mm

MECHANICAL SPECIFICATIONS	
Size	(W) 288mm (D) 500mm (H) 480mm
Movement range of the measurement unit	Forward/backward ±22mm Horizontal direction ±43mm Vertical direction ±17mm
Movement range of the chin rest	vertical ±30mm
Movement range of LCD	+40° tilt-able screen
Weight	approx. 14kg

※ Common to KR-9/AR-9

ELECTRICAL SPECIFICATIONS	
Built-in monitor body	5.7 inch color LCD monitor
Printer	Thermal Printer with Automatic Cutter
Power voltage/frequency	AC100V-240V, 50/60Hz
Power consumption	60VA
Power saving function	OFF, 3, 5, 10min. (selectable)

※ Common to KR-9/AR-9

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