

SMS[®]

From Himalayas to the world!!

AUTO REF-KERATOMETER SRK-8848



**2 YEARS
WARRANTY**

SAFE MEDICAL SUPPLY

Balaju, Kathmandu, Nepal
Email: smsnepalpl@gmail.com



नेपालमा बनेको

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Comfortable

- Tiltable LCD
- Soft Head & Chinrest
- Easy Screen Navigation
- Simple GUI

Measurement

REF: Refractometer
KER: Keratometer
REF/KER: Refracto Keratometer
CLBC: Contact lens Base curve Measurement
PK: Peripheral Keratometer
ILLUM: Retro Illumination
SIZE: Cornea/Pupil Size

Convenient

- 7 inch color LCD
- Lockable joystick for patient safety
- Motorized chinrest
- Motorized Up/DOWN movement
- High Speed printer with auto cutter

Reliable

- Refractive measurement with hexagon prism & Highly sensitive LCD.
- High Performance samsung 32 bit Microcontroller CPU for high speed & accuracy.
- Innovative fogging function reduces the effects of myopia & patient accommodation.

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SPECIFICATIONS: SRK-8848	
Measurement	
Mode	
Conventional Mode	REF: Refractometer
	KER: Keratometer
	CLBC: Contact lens Base Curve MEasurement
Special Functions	PK: Peripheral Keratometer
	ILLUM: Retro-illumination function
	SIZE: Cornea/Pupil Size Measurement
Refractometry Range	Spherical Power [S] -25 to +25D (0.01 / 0.12 / 0.25D steps)
	Cylinder(astigmatism) Power[C] 0 to ±10D (0.01/0.12/0.25D Steps)
	Angle of Cylinder(astigmatism) Power [A] 1 to 180 ° (1° Steps)
Tolerance of Refractometry	Spherical Power in -10to+10D: within ±0.25D
	Spherical Power more than ±10D: within ±0.50D
	Cylinder (astigmatism) Power: within ±0.25D
Keratometry Range	Corneal Curvature : 5.0 to 10.0 mm (0.01 mm Steps)
	Corneal Refraction: 33.75 to 67.5D (0.01 / 0.12 / 0.25D Steps)
	Cylinder(astigmatism) Power of Cornea (astigmatism) : 0~±10D (0.01 / 0.12 / 0.25D Steps)
	Angle of Cylinder(astigmatism) Power of Cornea: 1to180° (1° Steps)
	Peripheral Measurement: 6.0mm(r=7.8)
Vertex Distance	0, 10, 12, 13.5, 15 mm
Minimum Pupil Diameter	Ø2.0 mm
Pupillary Distance	1 to 88 mm ±1 mm
Size Measurement	Cornea : 0~12.9 mm
	Pupil: 0~12.9 mm
General Specifications	
Target Chart	Auto Fog System with scenery chart
Measurement Time	Refractometry: about 0.0245 seconds
	Keratometry : about 0.0245 seconds
Printer	Built in thermal printer, Auto Loading with Auto cutting function (Printer paper width: 57 mm)
Internal Monitor/Display	7 inch LCD color monitor with touch control function
	Luminance 400cd/m ²
	Resolution 800X480 Pixels
Main Body moving range	Front/back 40 mm left/right 88mm top/bottom 34 mm ±5%
Chin-rest Moving range	Top/bottom 55 mm ±5%
Size	270 mm (width) × 520 mm (length) × 455 mm (height)
Weight	About 19.6 kg
Output	RS232C Interface
	Video Output(D-SUB)
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	42 W (100 VA, PF=0.43)
Power Saving Function	OFF, 3 min, 5 min, 10 min (option)