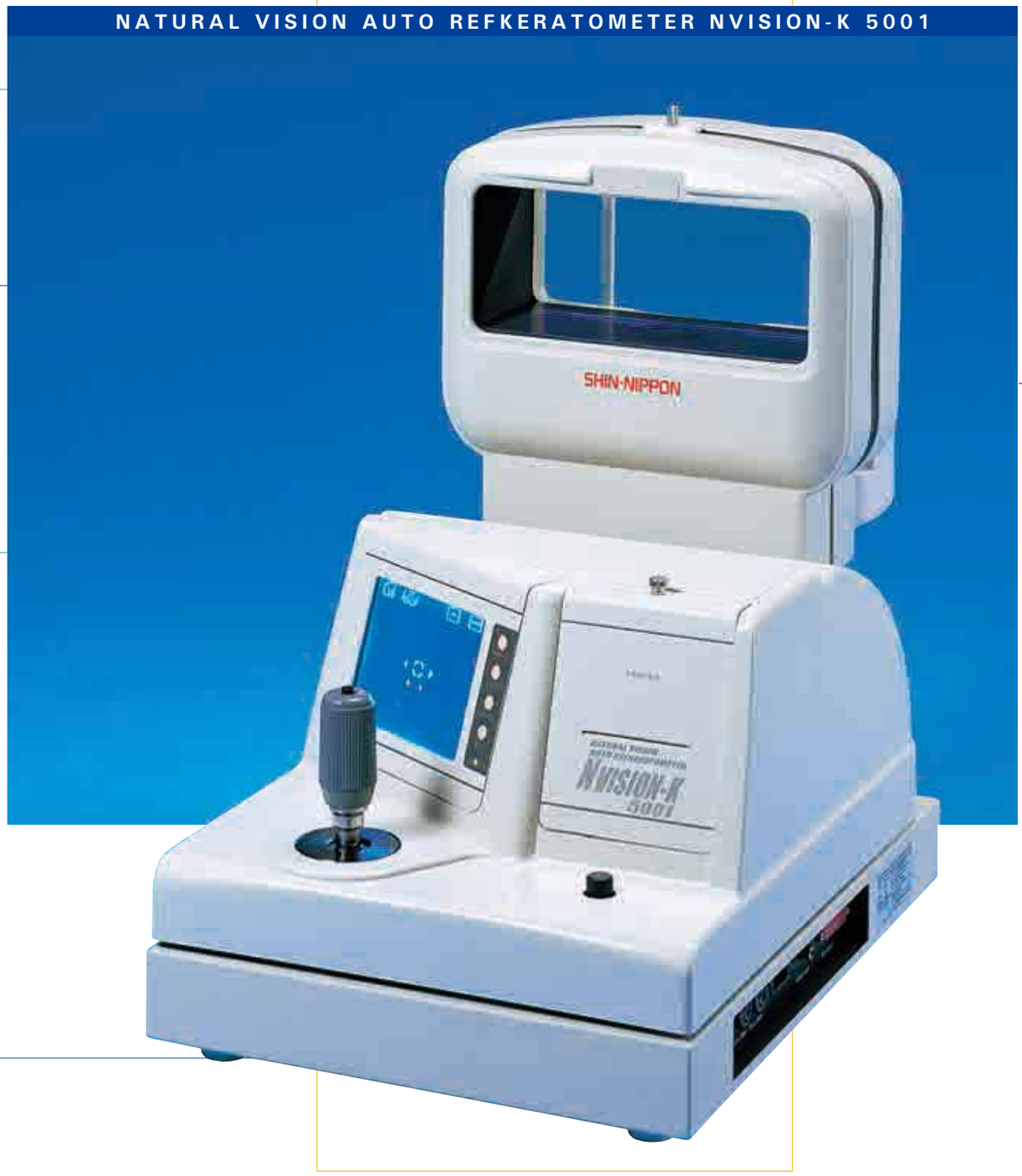
SHIN-NIPPON
by Rexxam

Natural Vision Auto Refkeratometer

NVISION-K

NATURAL VISION AUTO REFKERATOMETER NVISION-K 5001



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AUTO REFKERATOMETER

NVISION-K 5001

Wide-View Window Avoids "Instruments Myopia"

Use of Wide-View Window allows subject to relax during measurement, as looking into the window naturally with both eyes can minimize instrument myopia.

No Auto Fogging Means "No Accommodation"

Measurement principle without autofogging function prevents subjects e.g. children from using accommodating.

Near vision Reading

Near reading tests can be performed with attached near reading card of standard accessories.

Clear 5.6 inch color monitor

Built-in clear 5.6 inch color monitor that produces superb colorful display of the icons for easier identification to select your desired choices for measurement.

Data Screen Function

Measured data can be seen on the monitor without printing out.

SE Value Display Function (spherical equivalent values)

You can check accommodation of the measured eye with SE values.

Quick Printer with Automatic Cutter

Printing paper is automatically cut when it is released.

Auto Start Function

Starts measuring automatically when alignment meets measurement requirements.

IOL Measurement Function Installed

You can measure the IOL (Intraocular lens) implanted eye.

Minimum Pupil Diameter : 2.3 mm

Allows you to measure much smaller pupils than conventional units.

RS232C Setting Function

You can send the measurement data to an external computer through an interface.

Output Terminal

This terminal outputs an NTSC video terminal. If you connect an external monitor, you can observe the same image that appears on the internal monitor screen of Nvision-K 5001 simultaneously.

Specifications

Refractive Measurement Range	Sphere (S)	-22～+22D	(step : 0.12/0.25D)
	Cylinder (C)	0～±10D	(step : 0.12/0.25D)
	Axix (A)	0～180	(step : 1)
Keratometric Measurement Range	Radius of Comeal Curvature	5.0～10.0 mm	(step : 0.01 mm)
	Comeal Refraction	33.75～67.50	(step : 0.12/0.25D)
	Cylinder	0～±9D	
	Axis	0～180	
Vertex Distance	0, 10, 12, 13.5, 15 mm		
Minimum Pupil Diameter	φ2.3 mm		
PD Measurement	Measurement range	85 mm	(step : 1 mm)
Printer	Thermal line printer with automatic cutter (paper width 57 mm)		
Internal Monitor	5.6 inch LCD monitor (color)		
Shifting Range for Sliding Body	back/forth ±17 mm	right/left ±43 mm	up/down 15 mm
Vertical Adj. Range for Chin Rest	±30 mm		
Dimensions	327 mm (W)×496 mm (D)×515 mm (H)		
Weight	approx 20 kg		
Data Output	RA232C interface		
	Video Terminal		
Power Source	100～240V, 50/60 Hz		
Consumption	80 VA		
Power Saving Function	OFF, 3, 5, 10 min. (switchable)		

Standard Accessories

Model Eye,Printing Paper,Fuse,Pack of Chin Rest Papers,Chin Rest Paper Pins,Dust Cover, Dust Cloth,Fixation Target,Fogging Lens,Occluder,Near Point Target Unit

Design and specifications are subject to change without notice.

Manufacturer

Rexxam
Rexxam Co.,Ltd.

Kagawa factory
958, Ikeuchi, Konan-cho,
Takamatsu, Kagawa 761-1494, Japan

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Contact

MEC Sales Division 2-8-4, Kandatsukasa-machi, Chiyoda-ku Tokyo, 101-0048, Japan
TEL 81-3-3256-7701 FAX 81-3-3256-7702
E-mail: eye@rexxam.co.jp URL: http://www.rexxam.co.jp URL: http://www.shin-nippon.jp

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