

NVISION-K5001

Natural Vision Auto Ref-Keratometer



About Us

Rex + Max = Rexxam

Rexxam, which means 'the king of the kings', is a respected and reliable brand.

Rexxam is a Japanese company with a celebrated 60 year history. With over 3,000 employees worldwide, Rexxam manufacture a wide range of products for various industries; from factory automation, automobiles and air conditioning systems, to beer and ski boots.

Since 1986, Rexxam has manufactured various high quality products for leading brands in the eye care industry, including SHIN-NIPPON. Rexxam had developed and manufactured products for SHIN-NIPPON since 1993 and in 2014 the company took over the SHIN-NIPPON brand.

We will be bringing high quality ophthalmic equipment to a global market. By combining precision engineering with industry leading innovation and experience in mass production, Rexxam produce unique products to support eye care specialists across the world.

Quality in vision care, we are Rexxam.



1960
Foundation of Rexxam

1986
Rexxam started the development and manufacturing of ophthalmic devices as an OEM supplier

1993
Rexxam became the main OEM partner for SHIN-NIPPON
SHIN-NIPPON

2014
Rexxam acquired the SHIN-NIPPON brand
SHIN-NIPPON by **Rexxam**

2018
The manufacturer brand Rexxam was inaugurated
Rexxam

Rexxam
Quality in vision care

Proudly  Made in Japan



NVISION-K5001

Rexxam's NVISION-K5001 is a unique Ref-Keratometer that allows the patient to look through a very wide window.

This feature helps the patient relax during the measurement as looking through a window with both eyes can minimise instrument accommodation.

NVISION-K5001 Applications

This feature offers several interesting advantages for the eye care professionals such as:

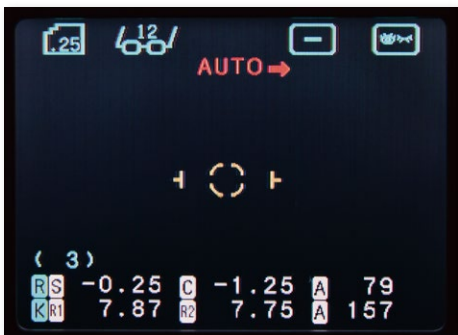
- Minimising cyclotorsion effect.
- Natural binocular vision.
- Facilitating measurement for very young patients.
- Measuring actual accommodation by using near point chart.



Crisp clear 5.6 inch colour monitor

Built-in 5.6 inch colour monitor that produces superb icons display for easier identification of desired choices for measurement.

Measuring results are displayed immediately after the measurement.



IOL Measurement Function

IOL (Intra Ocular Lens) implanted eyes can be measured with the NVISION-K5001.

2.3mm Minimum Pupil Diameter

NVISION-K5001 can measure eyes with a minimum pupil size of 2.3mm.

Quick printer with automatic cutter

Print out is automatically cut when printing is completed.

Auto Start Function

NVISION-K5001 starts measurement automatically when alignment is completed.

Data Output terminals

The measurement data can be output by RS232C. The output terminal has a video terminal (NTSC) which can be connected to an external monitor for either recording or simultaneous enlarged viewing.



Refractive Measurement Range (Ref Measurement)	Sphere (S)	Measurement Range	-22D ~ +22D (VD=0)
		Step	0.12D, 0.25D (Selectable)
	Cylinder (C)	Measurement Range	0D ~ ±10D (VD=0)
		Step	0.12D, 0.25D (Selectable)
		Symbol	-, +, ± (Selectable)
	Axis (A)	Measurement Range	0° ~ 180°
Step		1°	
Vertex Distance		0, 10, 12, 13.5, 15 mm	
Minimum Pupil Diameter Measurable		Φ2.3 mm	
Corneal Curvature Radius Measurement	Corneal Curvature Radius	Measurement Range	5.0 mm~ 10.0 mm
		Step	0.01 mm
	Corneal Refractivity	Measurement Range	33.75D ~ 67.5D (where corneal refractive index n = 1.3375)
		Step	0.12D, 0.25D (Selectable)
	Degree Of Corneal Astigmatism	Measurement Range	0D ~ ±9D
		Step	0.12D, 0.25D (Selectable)
	Axis Angle	Symbol	mm, -D, +D (Selectable)
		Measurement Range	0° ~ 180°
Step	1°		
Pupil Diameter Measurement	Measurement Range	Φ2.0 ~ 8.0mm	
	Step	0.1mm	
PD Measurement	Measurement Range	85mm	
	Step	1mm	
Measurement Time	Pupil Diameter		approx. 0.04 second
	Refractive Measurement Range		approx. 0.07 second
	Corneal Curvature Radius Measurement		approx. 0.07 second
	Continuous Measurement		approx. 2.2 second
Monitor	5.7 inch color LCD monitor		
Printer	Thermal line printer		
Power	Power Voltage	AC 100 - 240 V , 50/60Hz	
	Power Consumption	80VA	
	Sleep Mode	OFF , 3 , 5 , 10 min (selectable)	
Data Output	RS-232C interface		
Size	Weight	approx. 20kg	
	Dimensions	327mm(W) × 496mm(D) × 515mm(H)	
Movement Range of The Measurement Unit	Forward - Backward : ±17mm Right - Left : ±43mm Up - Down : ±15mm		
Movement Range of The Chin Rest	Up - Down : ±30mm		

Included Items

- Model Eye
- Printer Roll Paper
- Chin Rest Paper
- Chin Rest Paper Pin
- Spare Fuse
- Dust Cover
- Dust Cloth
- Fixation Target
- Fogging Lens
- Occluder
- Near Point Target Unit

Design and specifications are subject to change without prior notice.

Manufacturer

Rexxam
Quality in vision care

Rexxam Co.,Ltd.
Kagawa factory

958 Ikeuchi, Konan-cho,
Takamatsu-shi, Kagawa-ken,
761-1494 Japan

Contact

Rexxam Co.,Ltd.
Eye-care Instruments Sales Dept. Tokyo Office

2-4-2 Kandatsukasa-machi, Chiyoda-ku, Tokyo,
101-0048 Japan
TEL:+81-3-6262-9471 FAX:+81-3-6262-9472
E-mail:eye@rexexam.co.jp
Website:https://www.rexexam.co.jp

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