

WAM-5500

Binocular Accommodation 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

WAM 5500 Unique concept of Binocular vision

Rexxam's WAM-5500 is a unique Refraction-Keratometer that allows the patient to keep natural binocular vision during measurement.

This binocular vision helps the patient to eliminate possible instrument accommodation and provides accurate refraction examination.

WAM 5500 is also equipped with the function that enables the measurement of far and near distances refractive power as well as the measurement of pupil diameter simultaneously.



Refractive Measurement Range (Ref Measurement)	Sphere (S)	Measurement Range	-22D ~ +22D (VD=0)
		Step	0.01D, 0.12D, 0.25D (Selectable)
	Cylinder (C)	Measurement Range	0D ~ ±10D (VD=0)
		Step	0.01D, 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	0.01D , 0.12D , 0.25D (Selectable)
	Degree Of Corneal Astigmatism	Measurement Range	0D ~ ±9D
		Step	0.01D , 0.12D , 0.25D (Selectable)
		Symbol	mm , -D , +D (Selectable)
	Axis Angle	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 sec.	
	Refractive Measurement Range	approx. 0.07 sec.	
	Corneal Curvature Radius Measurement	approx. 0.07 sec.	
	Continuous Measurement	approx. 2.2 sec.	
Monitor	5.7 inch color LCD monitor		
Printer	Thermal line printer		
Power	Power Voltage	AC 100 ~ 240 V , 50/60Hz	
	Power Consumption	80VA	
	Power Saving Function	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

 Quality in vision care

Distributed by


sales@graftonoptical.com
 +44 (0)1923 233980

Proudly  Made in Japan





 / Rexxam





