

# BR-7

## Refractor



## 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

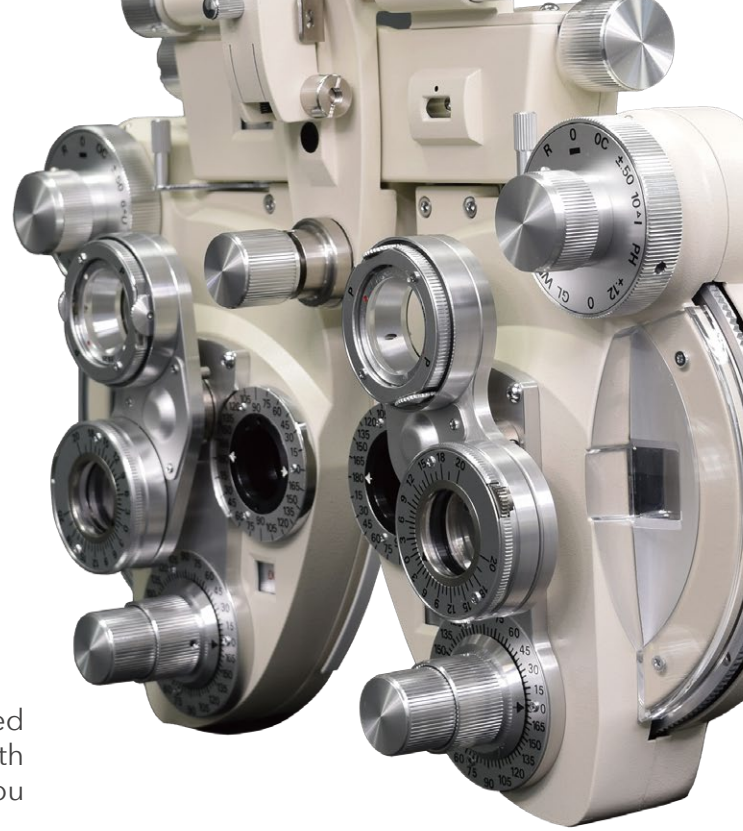




# Refractor BR-7

The BR-7 is a versatile phoropter with a full set of functions that allow the operator to perform all refraction tests including the standardised 21 step subjective refraction. Rexxam's BR-7 offers measurement dials with smooth rotation. The superb quality of the multi-coated optics\* ensures clear vision to the patients.

\*Non-coated model is also available



## Smooth and positive dial movements

Refractors are one of the most basic and heavily used refraction devices in eye care practices. The smooth movement and rotation of the various dials offer you comfort and stress-free manipulation.

## Cross Cylinder Axis synchronisation

The Cross Cylinder and the Cylinder axis are synchronised during the examination. This feature ensures accurate and smooth refraction test.



## Wide range of Auxiliary lenses

The BR-7 is equipped with a wide range of auxiliary lenses such as Red/Green filters, Spherical step size of 0.12 diopters which support binocular vision examinations.





|                     |                 |   |
|---------------------|-----------------|---|
| Sphere power        | Range           | +16.75 ~ -19.00D  |
|                     | Step            | 0.25D   |
| Cylinder power      | Range           | 0.00 ~ -6.00D<br>(0.00 ~ -8.00D with additional lens of -2.00D)           |
|                     | Step            | 0.25D   |
| Cylinder axis       |                 | 0 ~ 180°, 5° steps  |
| Cross cylinder      |                 | ±25D  |
| Rotary prisms       |                 | 0Δ ~ 20Δ, 1Δ steps  |
| Auxiliary lens dial | (O)             | Open aperture (two positions)   |
|                     | (R)             | Retinoscopic lens, +1.5D  |
|                     | (P)             | Polarizing lens 45° - left eye<br>135° - right eye                        |
|                     | (WMV) or (RMV)  | Maddox rod, vertical<br>white - left eye<br>red - right eye               |
|                     | (WMV) or (RMH)  | Maddox rod, horizontal<br>white - left eye<br>red - right eye             |
|                     | (RL)            | Red lens  |
|                     | (+.12)          | +1.12D sphere   |
|                     | (PH)            | Pin hole  |
|                     | (10ΔI) or (6ΔU) | 10Δ base-in - left eye<br>6Δ base-up - right eye<br>(Dissociating prisms) |
|                     | (±.50)          | ±0.50 fixed cross cylinder  |
| (OC)                |                 | Occluder  |
| P.D. adjustment     |                 | 48 ~ 75mm, 1mm steps  |
| Size                | Weight          | approx. 4.5 kg  |
|                     | Dimension       | 318mm(W) × 293mm(D) × 96mm(H)   |

### Included Items

- Auxiliary lenses  
CYL -0.12D and CYL -2.00D (2 pcs each)
- Near point rod and card holder
- Near point chart card



Auxiliary lenses



Near point rod and card holder

Near point chart card

Design and specifications are subject to change without prior notice.

#### Manufacturer



TOWA MEDICAL INSTRUMENTS Co.,Ltd.

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#### Contact



Quality in vision care

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