

Your Search for the 3 E's ends here.

**Efficient, Ergonomic & Economical**

Presenting the CR1 Autorefractometer / CRK 1



**Huvitz**

US VISION-ON TECHNOLOGY  
**Jaggi**

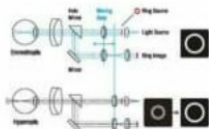


## CR1 AUTOREFRACTOMETER CRK1 AUTOREF KERATOMETER

Shanghai Huvitz Co Ltd, (a wholly owned subsidiary of Korea Huvitz) is proud to present the CR1 / CRK1 Range of Autorefractometer / Autorefractometers. It utilizes the core technology from the parent plant to give features and reliability like no other machine in this category.

### Smart Assembly Moving Control Technology

The Virtual Aiming Dot enabled GUI guides the Optical System to the correct positioning on the retina, to ensure a stable signal response resulting in a much faster and accurate reading. This SAMC technology also improves the effect of uneven light reflection in cataract eyes.



### Intuitive White to White and Scotopic Pupil Diameter measurement

The white to white (upto 14 mm) and scotopic pupil diameter can be measured to help your diagnosis and fitting of Soft Contact Lenses.

### 7" Touch Screen / High Speed Printer

The color touch Screen TFT LCD provides a high quality image to the user. The in built thermal printer gives fast print outs.



#### Refractometry

Vertex Distance (VD)	0.0, 12.0, 13.75, 15.0
Sphere (SPH)	-30.00 ~ +25.00D (VD=12mm) (increments: 0.01, 0.12, 0.25D)
Cylinder (CYL)	0.00 ~ +12.00D (increments: 0.01, 0.12, 0.25D)
Axis (AX)	0-180° (1° axis)
Alignment Indication	±, +, (Manual)
Pupil Distance (PD)	10-85 mm
Maximum Pupil Diameter	02.0 mm

#### Keratometry (CRK1 Only)

Radius of Curvature	5.0-13.0 mm (increments: 0.01mm)
Cornea Power	25.96D ~ 7.50D (increments: 0.01 mm)
Cornea Alignment	0.00 ~ 15.00D (increments: 0.05, 0.12, 0.25D)
Axis	0-180° (increments: 0.1mm)
Pupil Dia Diameter	2.0-14.0mm (increments: 0.1mm)
Memory of Data	10 measurements for each eye

#### Others

Display	7 inch wide Color TFT LCD Resistive Touch Panel
Interface	RS-232C
Internal Printer	Thermal Line Printer
Power Supply	100-240VAC, 1.0-0.6A, 50/60Hz
Dimensions / Weight	260 (W) x 513 (D) x 433 (H) mm/5kg