

CRK-7000 Auto Ref/Keratometer



To measure a human eye with high precision,
Wavefront Technology could be the answer.

CRK-7000 Auto Ref/Keratometer



Wider Measurement Range

CRK-7000 provides more diagnostic information and superior performance with the widest possible range of refraction and keratometry measurements.



CLBC

(Contact Lens Base Curvature)

Measuring the base curvature of contact lens is useful in fitting contact lens patients.



PD

(Pupillary Distance)

PD is automatically measured after checking both eyes, saving you valuable time.



VD

(Vertex Distance)

VD Selection function (0, 12, 13.5, 15mm) offers more accurate measurement data.



Pupil & Iris Size Measurement

The CRK-7000 can measure the size of the pupil, cornea and iris under 14mm in diameter by freezing the image.



Technical Specifications

| | | |
|------------------|----------------------|---|
| Measurement Mode | K/R Mode | Continuous Keratometry & Refractometry |
| | REF Mode | Refractometry |
| | KER Mode | Keratometry |
| | CLBC Mode | Contact Lens Base Curve Measurement |
| Refractometry | Vertex Distance (VD) | 0.0, 12.0, 13.5, 15.0mm |
| | Sphere (SPH) | -20.00D ~ ±20.00D (VD=12mm) (Increments: 0.12/0.25D) |
| | Cylinder (CYL) | 0.00 ~ ±10.00D (Increments: 0.12/0.25) |
| | Axis (Ax) | 0° ~ 180° (Increments: 1°) |
| | Cylinder Form | - , + , ± |
| | Pupil Distance | 10 ~ 85mm |
| | Min. Pupil Diameter | Ø2.0mm |

| | | |
|-------------|---------------------|--|
| Keratometry | Radius of Curvature | 5.0 ~ 10.2mm |
| | Corneal Power | 33.0 ~ 67.50D (Increments: 0.05/0.12/25D) (n=1.3375) |
| | Corneal Astigmatism | 0.00 ~ 15.00D (Increments: 0.05/0.12/25D) |
| | Axis | 0° ~ 180° (Increments: 1°) |
| | Pupil/Iris Diameter | 2.0 ~ 14.0mm (Increments: 0.1mm) |
| Other | Memory Data | 10 measurements for each data |
| | Display | Tilttable 7" TFT Touch LCD Screen |
| | Internal Printer | Thermal Line Printer |
| | Power Saving | Automatic Switch-Off (5 mins) |
| | Power Supply | AC100-240V, 50/60Hz |
| | Size | 275mm (W) x 510mm (D) x 450mm (H) |
| Weight | 20kg | |

CRK-7000 Auto Ref/Keratometer. Available through Opticare.

(Free call) 1800 251 852 www.opticare.com.au

