

Best system for Professionals



Automatic Ref/Keratometer

GRK-2100

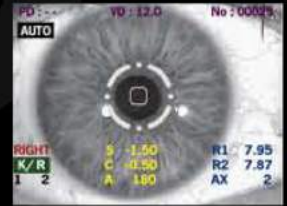
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Cornea Refractive Power, Cornea Curvature Measurement

Wide area of spherical power from -25D to +22D and cylinder power from -10D to +10D can be measured using specially designed GRK-2100.

More exact cornea curvature can be measured from 5.0mm to 10.2mm by improved optical science design method.



Contact Lens Base Curve Measurement

User can check proper hard contact lens' base curve with back side holder of model eye and can check condition of lens surface. It helps user prescribe customer lens exactly.

IOL MODE

Can measure and observe IOL that is inserted after extracting crystalline lens from cataract.



Higher resolution TFT LCD

with 6.4 inch TFT LCD, wide and superior image quality along with colored letters can be provided.

Automatic chin-rest control function & PD Measurement

Chin-rest can be controlled automatically by one-touch button so that user can measure faster and easier. PD measurements are performed automatically after measuring binocular power, and it displays in LCD window.



Measurement mode	
REF/KER mode	Continuous Refractometry and Keratometry
REF mode	Refractometry
KER mode	Keratometry with 2 LEDs
CLBC	Contact lens base curve measurement
Measurement Range	
Cornea vertex distance (VD)	0.0, 12.0, 13.5, 15.0
Spherical power (SPH)	-25.00 ~ +25.00 (VD=12.00, 0.12D/0.25D Step)
Cylinder power (CYL)	0.00 ~ ±10.00D (0.12 or 0.25D Step)
Axis	1~180° (1° Step)
Cylinder indication	-, +, ±
Pupil distance (PD)	10~85mm
Minimum pupil size	Ø2.0mm
Cornea Measurement Range	
Cornea curvature radius	5.0~10.2mm (0.01 step)
Cornea power	33.00~67.50D (Cornea equivalence power=1.3375) (0.05/0.12/0.25D Step)
Cornea cylinder power	0.00~-15.00D (0.05/0.12/0.25D Step)
Cornea cylinder axis	1~180° (1° Step)
Cornea diameter	2.0mm~1.4.00mm(0.1mm Step)