

POTEC

Unveiling More Than Your Sight

NEW **PRK-9000**

Auto Ref-Keratometer



- 3D/2D Semi Auto Tracking
- Dry Eye Pre-diagnosis
- 8" Wide LCD Monitor

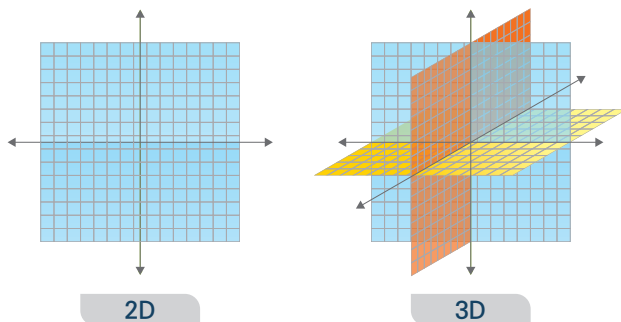


PRK-9000

PRK-9000 is designed to deliver increased measurement accuracy and a range of multifunctional capabilities, including Dry Eye Diagnosis.

3D/2D Semi Auto Tracking

Automatic eye recognition and three-dimensional drive mechanism automatically tracks the measurement point of the pupil for convenient and optimized focusing conditions.



Redefined Accuracy

The high-performance latest CPU enables rapid image processing of eye information captured by the high-resolution camera.

Dry Eye Pre-diagnosis

Provides an observation mode for meibomian degeneration that can be used as basic data for diagnosing tear film condition and dry eye.

Other features

- Color view mode
- Enhanced connectivity(LAN, HDMI)
- Superior low vibration and noise performance
- WiFi communication(optional)

Specifications

Measurement Modes	① REF ② KER ③ K/R ④ CLBC ⑤ K(P)
Refractometry	
Vertex Distance(VD)	0.0, 12.0, 13.5, 15.0 mm
Sphere Power(SPH)	-30.00 ~ +25.00 D (VD: 12 mm) (Increments 0.12, 0.25 D)
Cylinder Power(CYL)	0.00 ~ ±10.00 D (Increments 0.12, 0.25 D)
Axis(AX)	1 ~ 180 ° (Increments: 1 °)
Cylinder Form	-, +, MIX
Pupil Distance (PD)	10 ~ 88 mm
Minimum Pupil Diameter	Ø 2.0 mm
Keratometry	
Radius of Curvature	5.0 ~ 13.0 mm (Increments: 0.01 mm)
Corneal Power	25.96 ~ 67.50 D (n = 1.3375) (Increments 0.05, 0.12, 0.25 D)
Corneal Astigmatism	0.00 ~ -15.00 D (Increments 0.05, 0.12, 0.25 D)
Axis	1 ~ 180 ° (Increments: 1 °)
Others	
Corneal Diameter	2.0 ~ 14.0 mm (Increments: 0.1 mm)
Internal Printer	Thermal line printer with Auto-Cutter function
Monitor	8-inch TFT LCD monitor (800x600 pixels, tiltable/swivel)
3D Auto Tracking Range	X, Y, Z : 10mm (±2mm)
Chinrest	Motorized
Communication	RS-232C, LAN, WiFi (optional)
Update	USB (A type) memory card
Dimensions & Weight	260 (W) × 520 (L) × 480 (H)mm / 20kg

*Design and specifications are subject to change without prior notice.



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