eyerobo®

CRK-2000

Auto Refractometer

Product Introduction

The CRK-2000 Auto Refractometer employs Hartmann-Wavefront sensing technology. Each measurement is verified through over 20 comparative calculations, ensuring both precision and speed to meet diverse requirements. Its comprehensive measurement capabilities address a wide range of ophthalmic needs.

Hartmann-Wavefront Sensing Technology

Wavefront Aberration Map Display

3D Fully-Automatic Wide-Range Self-Tracking Measurement

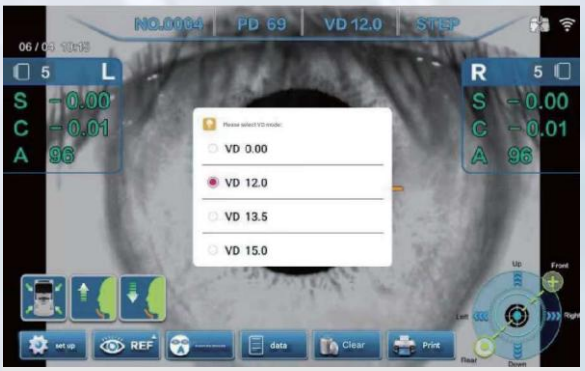
Fully Touch-Based One-Key Operation

Interface Display

High-Definition Image Capture with
Optimized Interface Layout
Rich Color Display

The Z-map Mode presents various refractive results in an intuitive visual format, allowing customers to gain a clearer understanding of their refractive status. It also outputs multiple professional data points calculated using Hartmann technology.

Comprehensive Standard Measurement
Modes (REF Mode, KER Mode, R&K Mode)



Multiple Auxiliary Functions (IOL Mode,
Z-map Mode)

Brand	eyerobo
Model	CRK-2000
Spherical Power (Sph)	-30.00D~+25.00D
Cylindrical Power (Cyl)	0.00D~±12.00D
Axis	0°~180°
Astigmatism Symbol	-, +, ±
Minimum Measurable Pupil Diameter	2.0mm
Keratometry (K)	33.75D~67.50D
Corneal Curvature Radius	5mm~13mm
Corneal Axis	0~180°
Pupillary Distance (PD)	10mm~85mm
Moving Range	X 85 mm, Y: 40 mm, Z: 34 mm, Chinrest: 54 mm
Measurement Method	Manual / Mono-Auto / Binocular-Auto
Measurement Times	1 Time / 3 Times
Measurement Principle	Hartmann-Shack Sensor
Advanced Functions	Displays refractive topography, including higher-order aberrations such as spherical aberration and coma.