COBURN TECHNOLOGIES

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diagnostics

Auto Ref/ Keratometers | Digital Refractors | Exam Lanes & Furniture | Slit Lamps | Lensmeters | Acuity Charts | Retinal Cameras

HRK-1

AUTO REFRACTOR/ KERATOMETER

FASTER RESULTS

INCREASED ACCURACY

AFFORDABLE PRICING

COBURN TECHNOLOGIES

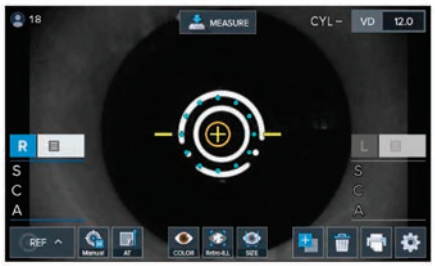
KEY FEATURES

HRK-1

AUTO REFRACTOR / KERATOMETER

The HRK-1 Auto Refractor/Keratometer aims to provide eye care professionals with better performance and higher accuracy of measurements at an affordable price.

Eliminating the challenges associated with high diopters, HRK-1 utilizes the Ring Signal method to provide more precise results of patients' ocular systems.



Unique to the industry, the y-axis auto tracking function automatically determines the height of the patient's eyes, thus reducing the measurement time.

Other features include:

- Color view mode with full color CCD camera allowing the user to see eyes and contact lens fitting status
- Anterior and IOL image export function allows the user to take and export photos
- Networking: Compatible with all Huvitz models
- Contact lens fitting assistance guide
- Iris and Pupil Diameter Measurement
- IOL Mode
- Touch Screen Color Display
- Thermal Printer
- EHR Ready

SPECIFICATIONS		
Measurement Mode	K/R Mode	Continuous Keratometry & Refractometry
	REF Mode	Refractometry
	KER Mode	Keratometry
	Color View Mode	Color View & Contact Lens Fitting Assitance (White & Blue LED Light)
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°unit)
	Astigmatism Indication	-, +,± (Mixed)
	Pupil Distance (PD)	10~85mm
	Minimum Pupil Diameter	Ø2.0mm
Keratometry	Radius of Curvature	5.0~13.0mm (Increments : 0.01mm)
	Cornea Power	25.96D~67.50D (Increments : 0.05, 0.12, 0.25D) (When cornea equivalent refractive index is 1.3375)
	Cornea Astigmatism	0.00~-15.00D (Increments : 0.05, 0.12, 0.25D)
	Axis	0~180° (Increments : 1°)
	Pupil, Iris Diameter	2.0~14.0mm (Increments : 0.1mm)
	Memory of Data	10 measurements for each eye
Auto Tracking Distance	Up and down	±15mm
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	10" x20"x17" 261(W) X 513(D) X 433(H)mm
	Weight	35lbs/16kg
	System Compatibility	All Huvitz models

Designs and details can be changed without prior notice for the purposes of improvement.