Technical Guide

Righton

Hand Held Ref

Retinomax Screeen

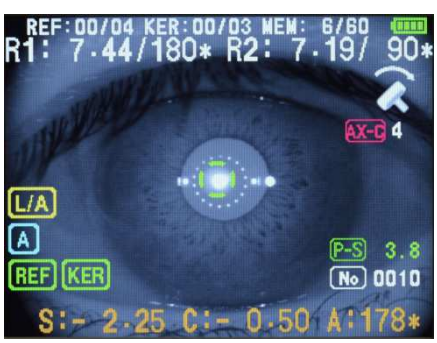
Handheld Autorefractometer

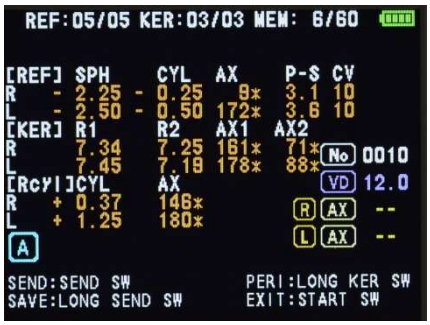
Retinomax Screeen

Handheld Autorefract Keratometer

Retinomax K+Screeen

The New Concept of Retinomax SCREEEN Series
Screen, Screening and Excellence





Standard Set (Main Unit, Station, Printer)

Retinomax Screeen

Upwards-tilting LCD

The low-reflection, 3.5inch monitor, featuring a tilting head with 100 degree, stepless range of motionmeans ease of use in keeping with the current generation of user-friendly devices

Improved battery life

At 180 minutes, the battery capacity is now twice that of conventional models

Even lighter and featuring an easy-to-hold grip

Retinomax3	969g	→ Screeen	960g	-9g
K-plus3	999g	→ K+Screeen	970g	-29g

Automatic Axis Compensation and extended measurement range

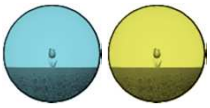
Not only does the device let examiner know the cylinder axis angle, but it can also be automatically adjusted if it is not level

Focus Assist

Lets you know the exact focusing point with the following color-coding system.

New Child Mode

While the measurement is being taken, a melody plays continually to keep children's attention. A constantly changing color display, both on the outside and inside of the device, also keeps children involved during the process



Keep changinc color of the fixation target

Operation Panel

Retinomax K+Screeen

Retinomax Screeen

Selectable fixation target: Tulip, Bear, Fireworks

Specification

		Handheld Autorefract Keratometer **Retinomax K+ Screeen**	Handheld Autorefract Keratometer **Retinomax Screeen**
Refractometry			
Measurement range	Spherical (S+C)	-20D to +23D (VD=12mm) (AUTO/0.12/0.25D steps)	-20D to +23D (VD=12mm) (AUTO/0.12/0.25D steps)
	Cylinder	0 to ±12D (AUTO/0.12/0.25D steps)	0 to ±12D (AUTO/0.12/0.25D steps)
Measurement of radius of curvature			
Measurement range	Radius of curvature	5.00 to 15.00mm (in 0.01mm increment)	-
	Corneal astigmatism	0D to ±12D (R5 mm to 13 mm)	-
		0D to ±7D (R14 mm to 15 mm)	-
	Center	ø3.2 mm (R8 mm)	
Pupil measurement		2.0 to 12.0 mm (in 0.1 mm increment)	2.0 to 12.0 mm (in 0.1 mm increment)
Dimensions (main body)		168(W) x 202(D) x 236(H) mm	168(W) x 202(D) x 236(H) mm
Weight		970g (with battery)	970g (with battery)
External output		Infrared	Infrared
Station			
Dimensions (main body)		180(W) x 244(D) x 79(H) mm	
Input power		AC 100 to 240V 50/60Hz	
Printer			
Dimensions (main body)		103(W) x 167(D) x 75(H) mm	
External output		USB Micro-B	

ISO 9001
ISO 14001
BUREAU VERITAS
Certification

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