



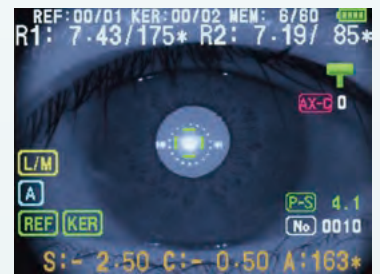
Hand Held Ref

# Retinomax Screen

Handheld Auto Refractometer Retinomax Screen

Handheld Autorefract Keratometer Retinomax K+ Screen

*The New Concept of  
Retinomax SCREEN Series  
Screen, Screening and Excellence*



Measurement screen



Measurement completed screen

Station (Charger)

Main body

Printer

## Upwards-tilting LCD

The low-reflection, 3.5 inch monitor, featuring a tilting screen with a 100 degree seamless range of motion, new users as well as existing Retinomax users can easily adapt to Retinomax Screen's user-friendly design.



## Improved battery life

At 180 minutes, the battery capacity is now twice that of conventional models. The longer battery life is beneficial when group-screening, outskirt or performing surgery.

## Even lighter and featuring an easy-to-hold grip

Retinomax3 969g → Retinomax Screen 960g **-9g**  
 Retinomax K-plus3 999g → Retinomax K+Screen 970g **-29g**

## Automatic Axis Compensation and extended measurement range

Not only does the device let the examiner know the cylinder axis angle, but it can also automatically compensate if it is not level. Measurement range has also been expanded.



### Retinomax 3 series

REF S: -18D +23D  
 Kerato 5-11mm

### Retinomax Screen Series

S: -20D +23D  
 5-15mm

## Specifications

Main body		Handheld Autorefract Keratometer Retinomax K+ Screen	Handheld Auto Refractometer Retinomax Screen
<b>Refractometry</b>			
Measurement range	Spherical (S + C)	-20D to +23D (VD = 12 mm) (AUTO/0.12/0.25D steps)	
	Cylinder	0D to ±12D (AUTO/0.12/0.25D steps)	
<b>Measurement of radius of curvature</b>			
Measurement range	Radius of curvature	5.00 to 15.00 mm (in 0.01 mm 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 size measurement		2.0 to 12.0 mm (in 0.1 mm increment)	
Dimensions (main body only)		168(W) x 202(D) x 236(H)mm	
Weight		970 g (with battery)	960 g (with battery)
External output		Infrared	

Printer	
Dimensions	103(W) x 167(D) x 75(H)mm
External output	USB Micro-B

Station	
Dimensions	180(W) x 244(D) x 79(H)mm
Input voltage	AC 100 to 240 V, 50/60 Hz



### WARNING:

To ensure correct usage, read all manuals carefully before using equipment

Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. © 2018 RIGHT MFG. CO., LTD. The information in this brochure is correct as of October 2018.



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## Focus Assist

Informs the examiner of the optimum focusing point using the following color-coding system.



Red (too near. Danger!)



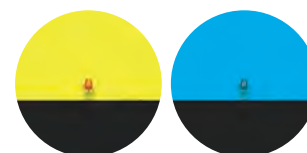
Green (OK)



Blue (too far, like the sky)

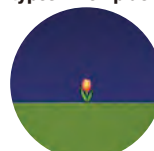
## New Child Mode

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 target of the device, also keeps children involved during the process.



Target color intermittently changes.

Select a patient target image from among the following three types when placing your order.



Tulip (standard)



Bear (when children are the main target patient)



Fireworks