



Hand Held Ref

# Retinomax 5

Handheld Autorefractometer

## Retinomax 5



Handheld Autorefract Keratometer

## Retinomax K-plus 5

Now introducing the King of the road  
Retinomax5 / K-plus5

```

REF:05/05 KER:03/03 MEM: 6/60
[REF] SPH    CYL    AX    P-S CV
R    - 2.25  - 0.25  18*  3.1 10
L    - 2.50  - 0.50  172* 3.6 10
[KER] R1     R2     AX1   AX2
R    7.34    7.25  181*  71*
L    7.45    7.18  178*  88*
[Rcyl]CYL    AX
R    + 0.37   148*
L    + 1.25   180*
[A]
SEND:SEND SW    PERI:LONG KER SW
SAVE:LONG SEND SW  EXIT:START SW
  
```



Standard Set (Main Unit, Station, Printer)

# Retinomax 5

## View Finder

With view finder observation, no limit of operator age. Diopter adjustable range is +/-8D the same as Retinomax3. View finder arm angle is changeable of 0-135 degrees, making measurement easy regardless of patient's position or posture. Adjustable diopter +/- 8D.

## 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 → Retinomax5 940g -29g

K-plus3 999g → K-plus5 950g -49g

## 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

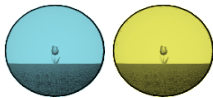


## Retinomax3 series Retinomax5 series

|        |              |              |
|--------|--------------|--------------|
| REF    | S: -18D +23D | S: -20D +23D |
| Kerato | 5-11mm       | 5-15mm       |

## 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 changing color of the fixation target



## Wider Eye Piece

Eye piece relief is 48mm from 32.2mm so that enable to look inside image while even looking at outside. No need to stick eye to the eyepiece all the time.



Retinomax 5

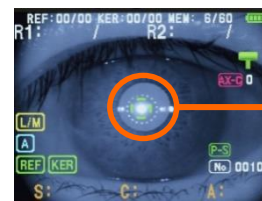


Retinomax 3

Comparison view of the same eye point

## Focus Assist

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



Too far

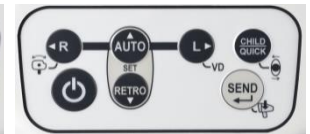
Focus OK

Too close

## Operation Panel



Retinomax K-plus5



Retinomax5

## Selectable fixation target:

Tulip, Bear, Fireworks



## Option:

Hard Carrying Case

## Specification

|   |                     | Handheld Autorefract Keratometer<br><b>Retinomax K-plus5</b> | Handheld Autorefract Keratometer<br><b>Retinomax5</b> |
|---|---------------------|--|---|
| <b>Refractometry</b>                      |                     |  |   |
| 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)                     |
| <b>Measurement of radius of curvature</b> |                     |  |   |
| 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)                    |                     | 191(W) x 242(D) x 223(H) mm                                  | 191(W) x 242(D) x 223(H) mm                           |
| Weight                                    |                     | 950g (with battery)  | 940g (with battery)                                   |
| External output                           |                     | Infrared   | Infrared  |
| <b>Station</b>                            |                     |  |   |
| Dimensions (main body)                    |                     | 180(W) x 244(D) x 79(H) mm                                   |   |
| Input power                               |                     | AC 100 to 240V 50/60Hz                                       |   |
| <b>Printer</b>                            |                     |  |   |
| Dimensions (main body)                    |                     | 103(W) x 167(D) x 75(H) mm                                   |   |
| External output                           |                     | USB Micro-B  |   |

**Warning: to ensure correct usage, read all manuals carefully before using equipment.**

Specifications and equipment are subject to change without notice or obligation on the part of manufacturer. © RIGHT MFG CO., LTD. March 2019



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