

*One vision, Two sharp eyes with Our Innovation*

# RC-800

## AUTO REFKERATOMETER

Simple and Speedy Measurement



- Highly Accurate
- Simple to Use
- Diameter Measurement of Cornea and Pupil
- High Speed Printer
- Auto Shot
- Color Touch Screen



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## Refractometry

Simple handling of the fine adjustment and measurement by yourself. Fogging is applied automatically for each measurement for more accurate results.

## Keratometry

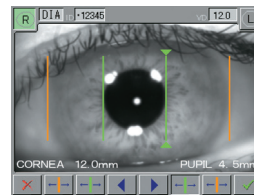
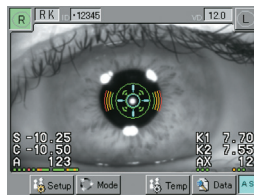
Short consecutive measurements and time provide reliable data. Measurements at  $\phi 3.0\text{mm}$  (R = 8.0mm) give you enough information for contact lens fitting.

## Diameter Measurement of Cornea and Pupil

Easy measurement by moving the two cursors on the display to the boundaries of Cornea or Pupil.

## Language Selection

RC-800 has a Multi-language function. You can select your required language from “English”, “Japanese”, “German”, “Chinese”, “Spanish”, “Spanish Latin America”, “Italian”, “Portuguese”, “French” and “Russian”.



## RC-800 SPECIFICATIONS

### Measurement Ranges

#### Refractometry

Sphere: -25.00D to +22.00D (VD=12.0mm)  
 Cylinder: 0D to  $\pm 10.00\text{D}$  (VD=12.0mm)  
 Axis:  $0^\circ$  to  $180^\circ$   
 Minimum Pupil Dia:  $\phi 2.0\text{mm}$   
 Measurement time: 0.2 second/single eye (data taking time)

#### Keratometry

Range: 5.00mm to 11.00mm  
 Corneal Refraction: 30.68D to 67.50D (n=1.3375)  
 Corneal Astigmatism: 0D to 10D (n=1.3375)  
 Axis:  $0^\circ$  to  $180^\circ$   
 Measurement area:  $\phi 3\text{mm}$  (at 8.00mm corneal curvature)  
 Measurement time: 0.1 second/single eye (data taking time)

**PD Measurement range** 50 to 86mm

#### Corneal diameter and pupillary diameter measurement

Measurement range: 1.0 to 14.0mm  
 Display unit: 0.1mm

#### Built-in Printer

Thermal printer

#### Data output type

RS232C / USB-D

#### Display

5.7 inch color liquid crystal display

#### Dimensions and weight

297(W)x500(D)x448(H)mm

#### Approx.

17kg

#### Power Requirements

AC 100V to 240V  
 50 / 60 Hz  
 80VA to 100VA



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