

One vision, Two sharp eyes with Our Innovation

RC-800

Simple and Speedy Measurement

AUTO REFKERATOMETER



- 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.

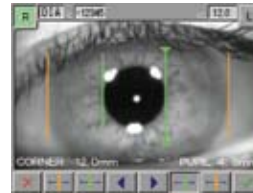
Measurements at $\phi 3.0\text{mm}$ ($R = 8.0\text{mm}$) give you enough information for contact lens fitting.

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° to 180°
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° to 180°
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 measurement

Measurement range: 10.0 to 14.0mm
Display unit: 0.1mm

Pupil diameter measurement

Measurement range: 1.0 to 10.0 mm
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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