RK-F2 Specifications

REFRACTOMETRY	
Sphere (SPH)	-30 to +22 D when VD=12mm (Increments: 0.12D and 0.25D)
Cylinder (CYL)	0 to ±10 D (Increments: 0.12D and 0.25D)
Axis (AX)	1° to 180° (Increments: 1°)
Pupil distance (PD)	30 to 88 mm (Increments: 1mm)
Minimum pupil size	2.0mm diameter
KERATOMETRY	
Radius of curvature	5 to 10mm (Increments: 0.01mm)
Corneal power	33.75 to 67.5 D when cornea equivalent refractive index is 1.3375
Corneal astigmatism	0 to -15 D
Axis	1° to 180° (Increments: 1°)
Corneal diameter	2 to 14mm
Retroillumination	Retroillumination images can be observed and stored in memory
Built-in printer	Thermal line printer with auto cutter
Data output	RS-232C/LAN
Data input	USB host
Monitor	Tilting 5.7 inch VGA color TFT LCD monitor
Power-saving mode	Available
Power supply	100–240V, 50/60Hz
Power consumption	80VA
Operating range	Front/back: 40mm, Left/right: 90mm, Up/down: 30mm
Dimensions (W x L x H)	Approx. 260 x 490 x 470mm
Weight	Approx. 15kg

COMPONENTS

Main unit	1
Power supply cable	1
Keratometry model eye (with contact lens holder)	1
Printing paper	2 rolls
Chin rest paper	100 sheets
Blower brush	1
Dust cover	1

Optional accessories
Printing paper, chin rest paper

Simulated images and specifications are subject to change without notice.

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RK-F2

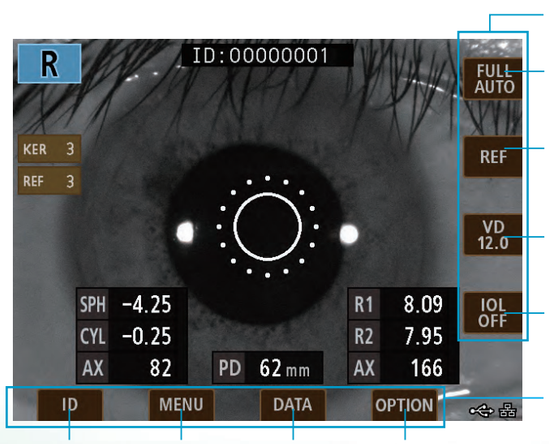
Full Auto Ref-Keratometer

Designed for ease of use with multiple useful modes, versatile and compact

Full Auto Ref-Keratometer

RK-F2
Full Auto Ref-Keratometer

Measurements at minimum 2.0 mm pupil diameter. A small, lightweight full auto ref-keratometer achieving one-touch automatic measurement in both eyes.

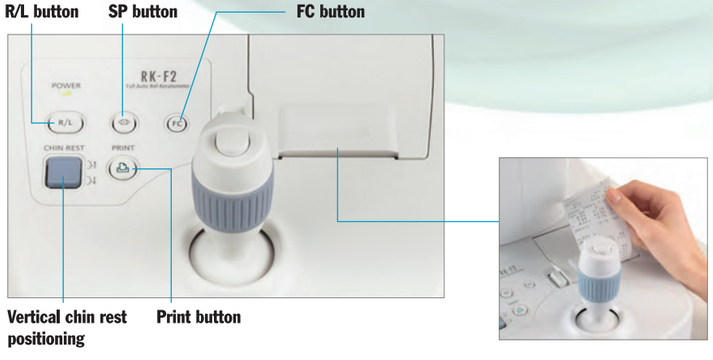


- Mode selection switches
- Alignment mode selection switch: Full Auto mode, Tracking mode, etc.
- Measurement mode selection switch: KR mode, KP mode, RETRO mode, etc.
- VD mode
- IOL mode
- Screen selection switches

To Patient ID Input screen · To Menu screen · To Data screen · To Options screen

Measurement in both the left & right eye with one touch

Using the motorized joy-stick, begin measurements by pressing the Measurement button. When the pupil is observed within approximately 1/4 of the screen, the refractometry and keratometry measurement gets started automatically for the right and left eye (during Full Auto).



Multifunctional switches in conjunction with the LCD monitor

These switches are conveniently located on the bottom and right side of the LCD monitor.

Color LCD monitor with tilt function

The 5.7-inch color LCD monitor can be tilted up to 40 ° for easy viewing by the examiner. Even measurements from a standing position can be done without stress.

Motorized joy-stick

A motorized joy-stick with Measurement Start button is adopted, so operation is easier.

Auto-cut printer

A built-in printer with an auto-cut function is equipped.

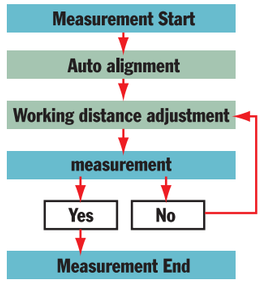
Multiple improved functions

● Fine Control (FC)

In instances where measurements cannot be obtained due to ocular opacity, such as cataract, the Fine Control function enables examiner to do the precise movement of the joy-stick to avoid the ocular opacity.

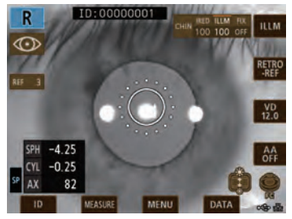
● Tracking mode

Tracking mode is added so that measurements can be taken even if a patient's eye is unstable during an examination. When Tracking mode is ON, the working distance can be properly maintained until the measurement is actually done.



● Auto Alignment allows RETRO mode

Using Auto Alignment, it is possible to perform measurements with retroillumination by observing in RETRO mode. It helps to observe the condition of ocular opacity, such as cataract or vitreous opacity. The transfer of such images (bmp.) can be done via LAN.



● Size mode

Using the motorized joy-stick, the size of the cornea or pupil can be measured.