Canon
SEE IMPOSSIBLE

RK-F2

FULL AUTO REF-KERATOMETER

One-Touch Alignment,
Focus, and Capture

ACCELERATE THE EXAM PROCESS

FULL AUTO MODE

The Canon RK-F2 Full Auto Ref-Keratometer helps accelerate the exam process by automatically aligning and acquiring a reading for one eye and continuing to the opposite eye to perform the same function, all with one touch of a button.

You can program the RK-F2 Ref-Keratometer to automatically measure both eyes or one at a time, and store up to 10 Refractometry and Keratometry measurements for each eye.

EASY TO USE, COMPACT, AND LIGHTWEIGHT

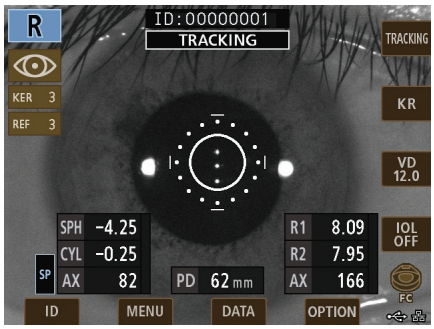
The Canon RK-F2 Full Auto Ref-Keratometer provides various modes to help increase job efficiency and patient comfort. And its lightweight, compact footprint—coupled with an omni-directional joystick, 5.7-inch LCD monitor, USB host, and built-in printer with auto cutter—make the RK-F2 Full Auto-Ref Keratometer an ideal complement to your ophthalmic suite.

MULTIFUNCTIONAL,
COLOR LCD MONITOR

GREATER CAPABILITIES FOR GREATER EFFICIENCY

SMALL PUPIL SIZE

At 2.0 mm, the small pupil mode helps contribute to an efficient screening and is useful when a patient's pupils are difficult to dilate. The short-reaching distance between the patient and operator allows closer, personal interaction and easy access to the patient's eyes.



RETRO-ILLUMINATION

Using infrared retro-illumination, the RK-F2 Ref-Keratometer provides a detailed view of the eye, which is helpful for identifying cataracts, vitreous opacity, scars, and other serious eye problems.

CORNEAL PERIPHERY MEASUREMENT

The Peripheral Keratometry mode provides accurate measurements for examining oblique astigmatisms and helps determine the best fit for a contact lens. The RK-F2 Ref-Keratometer can be used to make a series of measurements at a 30-degree angle from the eye's center along the attentive meridians.

WIDE MEASUREMENT RANGE

The dioptric measurement range of -30 D to +22 D allows examination of strong myopia or hyperopia. The astigmatic measurement range extends from 0 to 10D. The radius of curvature extends from 5 mm to 10 mm (33.75 D to 67.5 D) for keratometry.

COMPACT AND LIGHTWEIGHT

The compact RK-F2 Ref-Keratometer can be operated while sitting or standing, whichever is more comfortable for the user. Weighing a little more than 33 pounds, the lightweight RK-F2 Ref-Keratometer maximizes small work areas and easily fits on the Instrument Table* alongside a Canon Full Auto Tonometer* or Canon Non-Mydriatic Retinal Camera. Keeping these machines next to one another can help expedite the exam process.

MULTIFUNCTIONAL, COLOR LCD MONITOR

The 5.7-inch, color, LCD monitor tilts 40°, making the RK-F2 Ref-Keratometer easy to use, whether the operator is sitting or standing. The clear LCD display also includes multifunctional screen buttons, so the operator can switch menus as needed.

BUILT-IN PRINTER

The front-loaded, high-speed, built-in printer includes an auto cutter, making it simple to remove the printout. The ECO setting reduces the printing density, thereby conserving paper by up to 50% as compared to printing without this setting.

MOTORIZED OMNI-DIRECTIONAL JOYSTICK

Aligning the patient's eye is easy using the motorized omni-directional Joystick with a fine focus dial. All positioning may be performed with one hand, allowing the other hand to work with the patient if needed. On top of the joystick is the "Start" button. This can be pressed immediately once the patient is properly positioned.

* Sold separately.

RK-F2

FULL AUTO REF-KERATOMETER

General

Type: Full Auto Ref-Keratometer

Alignment Mode: Full Auto/Auto/Manual

Full Auto Functionality: X, Y, and Z alignment, Auto Focus, Auto Acquisition

Fixation Target: Internal Fixation/Automatic Fogging System

Corneal Pupil Diameter: 2 mm to 16 mm

Retro-Illumination: 2 Images May be Stored in Memory

Data Memory: Maximum 10 Measurements of REF and KER for Each Eye

Interface: RS-232C, USB Host, LAN

Display Tilting: 5.7" VGA Color TFT LCD Screen

Operating Range
Front/Back: 40 mm
Left/Right: 90 mm
Up/Down: 30 mm

Built-In Printer: Thermal Line Printer With Easy Loading and Auto Cutter

Chin Rest Movement: Up/Down: 60 mm (Electrical)

Joystick: Single-Axis (Electrical)

Refractometry

Sphere (SPH): -30 D to +22 D
(When Vertex distance of 12 mm)

Cylinder (CYL): 0 to ±10 D
(Increments: 0.12 D and 0.25 D)

Axis (AX): 1° to 180° (Increments: 1 mm)

Pupil Distance (PD): 30 mm to 88 mm

Minimum Pupil Size: 2.0 mm

Keratometry

Radius of Curvature: 5 mm to 10 mm
(Increments: 0.01 mm)

Corneal Power: 33.75 D to 67.5 D
(When Cornea Equivalent Refractive Index is 1.3375)

Axis: 1° to 180° (Increments: 1 mm)

Corneal Periphery: Measurement Area: 30°
(When Radius of Curvature is 8 mm)

Corneal Diameter: 2 mm to 14 mm

Electrical and Environmental

Power Saving System: Available

Power Supply: 100-240 V 50/60 Hz

Physical Characteristics

Dimensions (H x W x D)**:** Approximately
18.5" x 10.2" x 19.3" (470 mm x 260 mm x 490 mm)

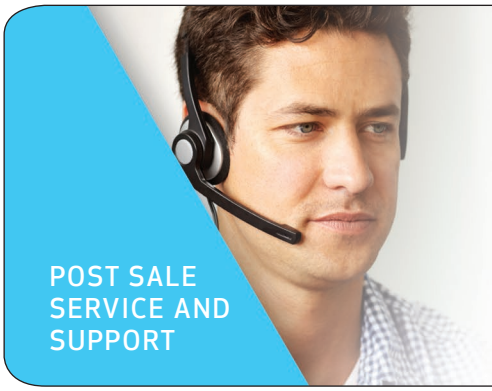
Weight: Approximately 33 lb. (15 kg)

Components

Main Unit
Keratometry Model Eye (With Contact Lens Holder)
Chin Rest Paper (100 Sheets)
Printing Paper (2 Rolls)
Power Cable
Dust Cove

Optional Accessories

Chin Rest Paper
Printing Paper



MAINTAINING YOUR INVESTMENT IN EXCELLENCE.

The RK-F2 Full Auto Ref-Keratometer is backed by Canon, a global microprocessor-based company with 75 years of optical experience. Its superb customer service and support organization is ready to answer your needs 24/7/365.

This common sense approach to service allows you to purchase a service plan that suits your specific needs—and your budget. The Canon service program may help you avoid costly instrument downtime while also helping you with the accessibility of your vital patient images and information.

To schedule a demo or for additional information, call 1-800-970-7227 or visit our Web site.

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