

- Easier, more comfortable operation**
 The R-F10 replaces the conventional joystick with a trackball and roller tandem that eases hand movement during manual alignment. And, once the examinee's pupil is visible in the monitor, you just press the Start button to initiate—and complete—refraction measurement.
- More efficient exam procedures**
 From the first part of the process to the last, the R-F10 simply does things better. Its measurement head covers an exceptionally wide area, thus speeding up the auto-alignment process, and even the built-in printer delivers your printout faster than ever.
- Increased measurement reliability**
 By simplifying operation, Canon's fully automated measurement technology takes on a greater share of the workload and increases the reliability of measurement data. What's more, the unit's monitor employs a deep focal point, which makes it easier for you to tell whether an examinee's eyelashes are obstructing measurement.



Full Auto Ref R-F10

Specifications

MEASURABLE RANGE		Power-saving system	
Sphere (SPH)	-30 to +22 D when VD=12mm (Increments: 0.12D and 0.25D)	Monitor, lamp, and motor go into Sleep mode when operation is discontinued for approx. 5 minutes.	
Cylinder (CYL)	0 to ±10 D (Increments: 0.12D and 0.25D)	Power supply	100 – 240V, 50/60Hz, 0.8 – 0.4A
Axis (AX)	1° to 180°	Dimensions (W x L x H)	Approx. 280 x 520 x 470 mm
Pupil distance (PD)	Max. 85 mm (Increments: 1mm)	Weight	Approx. 21kg
Vertex distance (VD)	0/12/13.5 mm	Components	
Cylinder form	–, +, +/-	Main unit	1
Minimum pupil size	∅ 2.5mm	Power supply cable	1
MEMORY		Printing paper	2 rolls
Measurement values	10 for each eye	Chin rest paper	100 sheets
Standard value	1 for each eye	Blower brush	1
Pupil distance	1	Dust cover	1
Printing		Optional accessories	
	Thermal line printer	Printing paper, chin rest paper, motorized table, printer cable	
	<i>Prints measurements, date, time, serial number, and eye diagram.</i>		



Specifications are subject to change without notice.

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R-F10

Full Auto Ref

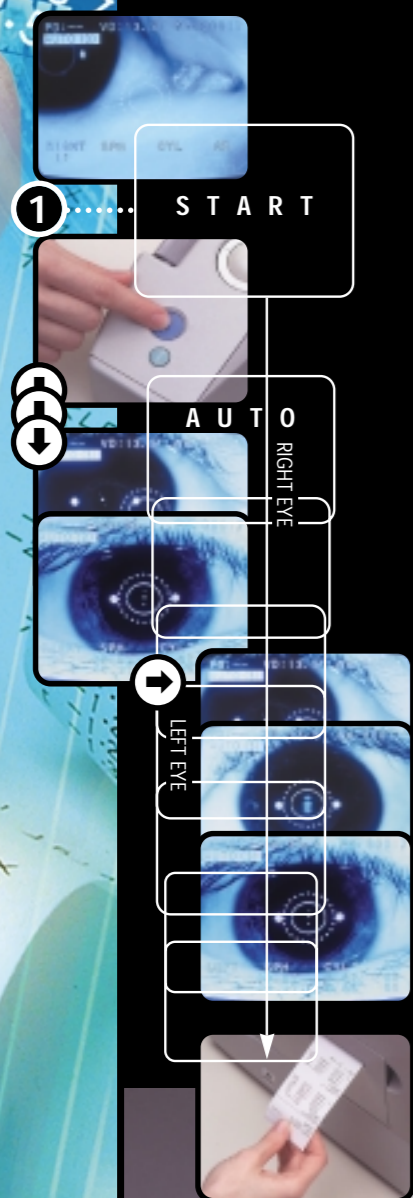


A QUANTUM LEAP AHEAD IN EYE EXAM EFFICIENCY

BEYOND AUTO-ALIGNMENT

Auto-alignment to Precision Output with Just One Touch.

For over a decade, Canon has continually set the standard for innovation in ophthalmic and optometric technology. And now, with the R-F10 Full Auto Ref, we're ready to do it again. That's because the R-F10 simplifies the standard measurement procedure to an unprecedented degree—all operations in just one step. With a press of the Start button, the R-F10 automatically completes the entire series of steps for both eyes: alignment, measurement, and printout. This improved process promises not only to reduce overall exam time, but—in combination with improved measurement technology—will raise the accuracy and reliability of eye exams as well. Easier to use, more efficient, more precise: The Canon R-F10 represents yet another breakthrough in optometric technology.



Reliable measurements

Wide measurement range



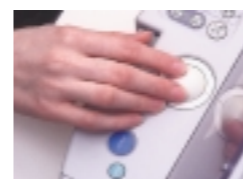
When it comes to fast, accurate refraction measurements, the R-F10 is in a class of its own. Its dioptric measurement range of -30D to +22D is among the widest available, and allows you to better examine strong myopia and other conditions. The R-F10 also automatically measures the pupil distance of both eyes, and includes this data in the final printout along with sphere, cylinder, and axis readings. To further ensure the reliability of your data, the R-F10 includes a number of other features included in previous Canon refractors, such as a small minimum pupil size requirement and an automatic fogging system with color picture target.

Vertex distance

Vertex distance can be switched with the touch of a control key, according to whether the examinee is to be tested for glasses or for contact lenses. The R-F10 has three different settings, and the selected vertex distance is displayed near the top of the unit's monitor.

User-friendly design

Initial alignment made easy



Thanks to its unique trackball and roller configuration, manual alignment of the R-F10 can be quickly completed using your fingertips alone. The trackball adjusts the measurement head along horizontal and vertical axes, and the roller moves it forward and backward. If you are repeatedly performing eye exams over long periods of time, these controls offer an exceptionally comfortable alternative to conventional joystick operation.

Centralized control keys

The layout of the operation panel makes the R-F10 easy to use from either a seated or standing position. Furthermore, control keys for each of the unit's main functions are grouped together for your convenience. Among these functions are display of measurement data stored in memory, VD switching, and IOL mode. The control keys themselves feature a new, easy-to-press design that provides a greater level of comfort for virtually any user.



Universal power supply

The R-F10 comes complete with automatic voltage switching, to facilitate setup in practically any operating environment. And, because it conforms to internationally recognized UL standards for electrical safety, you can be assured of safe, secure use of the unit at all times.



Motorized chin rest

A motorized chin rest offers easy adjustment of the R-F10 when beginning the eye exam. The chin rest can be moved up and down to match the examinee's height using two of the keys located on the unit's operation panel.



Easy access to the eye



Another way that the R-F10 helps improve the quality of eye exams is through its clever body design, which gives the operator unrestricted access to the eye—an important feature

when long eyelashes obstruct measurement or in other situations where the examinee's eyelid needs to be lifted. In cases like these, the layout of the unit's controls is also a big help, as it lets you easily use the R-F10 while tending to the examinee.

Faster printouts

In producing the most efficient Canon refractor ever, we've given attention to every detail. Printouts of measurement data, for example, are delivered with increased speed through the inclusion of our acclaimed printing technology.



A great fit in any exam area

The R-F10 features a stylish, original body design that does more than just change the notion of what optometric equipment can look like. Because its measurement head is the only part that moves, examinees are free to place their hands, eyeglasses, or belongings next to the unit while their eyes are being checked—a nice benefit especially if exam space is limited. Furthermore, the power cord connects to the bottom of the unit, which contributes to tidy installation.

