

accurate

The latest technology for accurate
refractometry and keratometry.



affordable

reliable

The RK600 Autorefractor/Keratometer

versatile

The modern design, ease of use, full range of features and accurate performance make the Reichert RK600 a tremendous asset to your practice.



The RK600 has a number of user-selectable automatic and manual measurement modes to suit individual preference. The operating icons and results are easily viewed on the full color LCD monitor that superimposes the measurement data on a macro view of the patient's eye.

The RK600 is compact, lightweight and incorporates a thermal printer with automatic paper cutting to provide a hard copy printout of results.

A comfortable chinrest and headrest, familiar joystick control and automatic measurement modes make the RK600 easy for any operator to use and comfortable for any patient being measured.

Best of all, the RK600 is extremely accurate. Independent testing on human subjects comparing the RK600 against other autorefractors, and against subjective refraction values, demonstrated that the RK600 is as accurate as autorefractors that sell for thousands of dollars more.

Contact Lens Measurement

The Base Curve of a contact lens can be measured with the RK600 using the contact lens holder.

Pupil Distance Measurement

When left and right eye measurements are taken, pupil distance is automatically computed, displayed, and can be included on the results printout.

LCD Color Monitor and Menu Screen Settings

The LCD color monitor provides a clear display of icons for easy identification and selection of the measurement you wish to perform. Menu screens are easy to read and measurement data can be viewed on the monitor without printing.



Measurement Screen



Kerato-Peripheral Measurement Screen



Measurement Screen when IOL mode is set

Wide Measurement Range

The RK600 features a measurement range of Sph -25.00D to +25.00D, Cyl -10.00D to +10.00D.

Fast and Easy Measurement

The instrument's auto start function initiates measurements automatically when alignment is achieved. Between one and ten sequential refractive measurements can be obtained in the automatic mode.

Kerato-Peripheral Measurement

Four segments of the cornea can be measured. The screen displays positions already measured and indicates the current measurement position with blinking targets.

2.3 mm Minimum Pupil Diameter and 3-Step Target Light Adjustment

The RK600 allows you to measure through small pupils and its 3-level fixation target light adjustment ensures better compensation for accommodation.

IOL Measurement

The IOL measurement mode is indicated on the measurement screen when selected and the results are indicated on the printout with IOL marks.



Fast Printing with Automatic Cutter

The RK600 printer enables you to set the format of the printout and the printout is automatically cut after it is dispensed.

RS-232C Interface

RS-232C interface enables you to send measurement data to other electronic instruments or to an external computer for storage.

Video Output Terminal

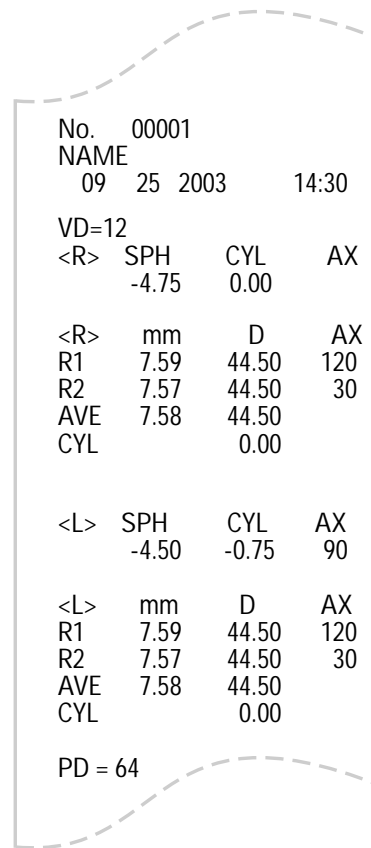
The NTSC video terminal allows you to connect an external monitor and observe the same image that appears on the RK600 LCD screen.

Power Saving

The RK600 can be set to turn off automatically after a selected period of time to save power and extend instrument life.

Reichert Quality

The Reichert name ensures a high quality, reliable instrument that you can count on every time.



Specifications

Catalog Number	15030 RK600 Autorefractor/Keratometer
Refractive Measuring Range	Sph -25 to +25D (0.12/0.25D step)
	Cyl - 0 to ±10D (0.12/0.25D step)
	Axis - 1-180° (1° step)
Keratometric Measuring Range	Radius of Corneal Curvature - 5.0-10 mm (0.01 mm step)
	Corneal Refraction - 33.75-67.5D
	Cyl - 0 to ±9D
	Axis - 1-180° (1° step)
	Corneal Periphery -Measurement area Ø7.5 mm (when radius of curvature is 8 mm)
Vertex Distance	0, 10, 12, 13.5, 15 mm
Minimum Pupil Diameter	2.3 mm
PD Measurement	Measurement Range 85 mm (1 mm step)

Printer	Thermal line printer with automatic cutter (paper width 57 mm)
Internal Monitor	5.6 inch Color LCD
Adjustment Range for Instrument	Back/Forth ±17 mm Right/Left ±43 mm Up/Down ±17 mm
Vertical Adjustment Range for Chin Rest	±30 mm
Dimensions	240 mm W x 418 mm D x 5438 mm H
Weight	Approx. 15 kg (33 lb.)
Data Output	RS-232C Interface and Video Terminal
Power Source	100-240V 50/60Hz
Consumption	8 VA
Power Saving Function	OFF, 3, 5, 10 min. (selectable)
Standard Accessories	Model Eye, Power Cord, Printing Paper, Chin Rest Paper Pin, Dust Cover

Specifications subject to change without notice

Call your authorized Reichert Ophthalmic Instruments Distributor today.

Important Notice

For your own protection, only purchase your Reichert Ophthalmic Instruments from and have them serviced by an Authorized Reichert Distributor.



Reichert products are designed and manufactured under quality processes meeting ISO 9001 requirements

Reichert
Ophthalmic Instruments

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