RK600
Auto Refractor/Keratometer

Fast, Accurate, Refractometry and Keratometry.

AMETEK®
ULTRA PRECISION TECHNOLOGIES

Reichert®
TECHNOLOGIES
Advancing Eye Care. Preserving Sight.™

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The Reichert® **RK600** provides quick, easy and accurate objective refractive and keratometric measurements. User-selectable, automatic and manual modes allow the instrument to be customized to your needs and preferences. The operating icons and results are easily viewed on the full color LCD display.

An adjustable chinrest and headrest, familiar joystick control and automatic measurement modes make the RK600 easy for any operator to use.

Refractive and keratometric measurements are highly accurate and provide reliable data for the starting point of a subjective refraction and contact lens fitting.

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.

The RK600 enables you to format measurement printouts, which are automatically cut after being dispensed.

Measurement Options
- Refractive Only
- Keratometry Only
- Refractive and Keratometry
- Kerato-Peripheral
- Base Curve of Contact Lens
- Intraocular Lens Measurement
- PD Measurement

Specifications

Catalog Number:	**15030** RK600 Auto Refractor/Keratometer

Refractive Measuring Range

Sphere:	-25.00D through +25.00D (0.12D, 0.25D steps)
Cylinder:	-10.00D through +10.00D (0.12D, 0.25D steps)
Axis:	1° through 180° (1° steps)

Keratometric Measuring Range

Radius of Curvature:	5.00 mm to 10.00 mm (0.01 mm steps)
Corneal Power:	33.75D to 67.50D (0.12D, 0.25D steps)
Cylinder:	0 through ±9D (0.12D, 0.25D steps)
Axis:	0° through 180° (1° steps)
Peripheral:	Φ 7.5 mm (when radius of curvature is 8 mm)

Adjustment Range of Instrument

Back/Forth:	±17 mm
Right/Left:	±43 mm
Up/Down:	±17 mm

Other Specifications

Vertical Adjustment Range for Chin Rest:	±30 mm
Vertex Distance:	0, 10, 12, 13.5, 15 mm
PD Range:	85 mm (1 mm steps)
Min. Pupil Diameter:	2.3 mm
Display	5.6 inches, color LCD
Printer	Thermal Line Printer with auto-cutter (paper width 57 mm)
Dimensions:	9.4 W x 16.6 D x 17.2 H inches (240 W x 422 D x 437 H mm)
Weight:	33 lbs. (15 kg) - Unpacked
Data Output:	RS232C Interface and Video Terminal
Power Source:	100~240 V 50/60 Hz
Consumption:	80 VA
Fuses:	250 VAC, 3 Amps
Power Saving Function:	OFF, 3, 5, 10 min. (selectable)
Standard Accessories:	Power Cord, Dust Cover, Verification Eye, Printer Paper, Chin Rest, Fuses.