General

Type	Full Auto Ref-Keratometer
Alignment Mode	Full Auto/Auto/Manual
Auto Function	Auto Shoot
Fixation Target	Internal fixation/ Automatic fogging system
Corneal Pupil Diameter	2 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 inch VGA color TFT LCD screen
Operation 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	Up/Down: 60 mm (Electrical)
Joystick	Single-Axis (Electrical)

Refractometry

Sphere (SPH)	-30 to +22 D (when Vertex distance of 12 mm)
Cylinder (CYL)	0 to ±10D (Increments: 0.12D and 0.25D)
Axis (AX)	1° to 180°
	(Increments: 1 mm)
Pupil Distance (PD)	30 to 88 mm
Minimum Pupil Size	2 mm

Keratometry

Radius of Curvature	5 to 10 mm (Increments: 0.01 mm)
Corneal Power	33.75 to 67.5D (When cornea equivalent refractive index is 1.3375)
Corneal Astigmatism	0 to -15D
Axis	1° to 180° (Increments: 1 mm)
Corneal Periphery	Measurement area: 30° (When radius of curvature is 8 mm)
Corneal Diameter	2 to 14 mm

Electrical and Environmental

Power Saving System	Available
Power Supply	100-240V 50/60Hz
Power Consumption	80VA

Physical Characteristics

Dimensions (W x L x H)	Approximately 10.2 x 19.3 x 18.5 inches
	(260 x 490 x 470 mm)
Weight	Approximately 33 pounds (15 kg)

Specifications are subject to change without notice.