

 Grand Seiko Co., Ltd. JAPAN

New

Auto Refractometer
GR-2200

Auto Ref. / Keratometer
GR-3300K, GR-3500KA



Experience the Joy
of Refraction...

Better Design
Better Optics
Better Accuracy



OPTICS INDIA
EQUIPMENTS PVT. LTD.

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Auto Ref./Keratometer
GR-3300K, GR-3500KA

Grand Seiko Co. Ltd., Japan is undoubtedly a leader in innovative technology and they have always been trend setters for the optical and ophthalmic trade the world over. The art of perfect refraction has become far more easier & enjoyable with the new models of Auto Ref. from Grand Seiko. With the newly added features, these models have become market leaders in Refraction technology.

Newly Added Special Features

- Tilting Large LCD
- Faster Printer
- New IOL Mode
- Far & Near PD
- Smaller Pupil measured
- Motorized Chin Rest
- Pupil Dia. Measurement
- Auto Focus (3500KA)
- Auto Tracking (3500KA)

Specifications

	GR- 2200	GR- 3300K	GR- 3500KA
Refraction Measurement	Sphere-22 to +30D(VD=0mm) (0.01/0.12/0.25DStep) Cylinder 0 to ±10D (0.01/0.12/0.25DStep) Axis angle 1 to 180° (1°step)		
Corneal Measurement	Corneal radius 5.0 to 10.0mm (0.01mm step) Refractive power 33.75 to 67.5D (Corneal Refractive Index n = 1.3375) (0.01/0.12/0.25DStep) Cylindrical power 0 to ±10D Axis angle 1 to 180° (1°step)	
Corneal Area Measurement	φ2.8mm (Ring Measurement/at 8.0mm of Corneal Radius) φ7.00mm (4 Point Peripheral Measurement/at 8.0mm of Corneal Radius)	
Pupil Diameter Measurement	φ2 to φ8mm (0.1mm step)		
Minimum Pupil Measurement	φ2.2 mm		
Pupillary Distance	Measurement Range 0 to 85mm (1 mm Step)		
Chin Rest movement	±30mm		
Auto Tracking Movement	Back/Forth ±17mm Right/Left ±43mm Up/Down ±17mm
Overall Dimension	(W) 260mm x (D) 465mm x (H) 453mm		
Weight	About 17kg.		About 20kg.
Output	RS-232C, USB2.0 Interface		
Rated Voltage	100 to 240V 50/60Hz		
Consumption	80VA		90VA
Power Save	OFF,3, 5, 10 min. (Selectable)		

Specification subject to change without prior notice



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