



# AUTO REF

Advanced IOL Mode & Measurement of Pupil Diameter

AUTO REFRACTOMETER  
**GR-2200**

More accurate measurement with the New Optical System and the Advanced IOL Mode. Advanced IOL mode and the measurement of the pupil diameter is implemented.

## Auto Start

It automatically takes measurement for the fixed times after the position and the focus are aligned. Printing also comes out automatically right after the measurement.

## Tilting Large LCD

Operator can be at any position and the large color LCD make the measurement easy.

## User Friendly Printer with Auto Cutter

Just throw a paper roll into the printer box without any adjustment and the Auto Cutter makes easy to tear off the printout.

## Precise Measurement

Improved measurement accuracy with newly designed optical system.

## Electric Chin Rest

The chin rest can be adjusted to the proper level from the operator side with the switch.

## Advanced IOL Mode

Improved measurement accuracy of the subject with the cataract and/or the IOL implanted.

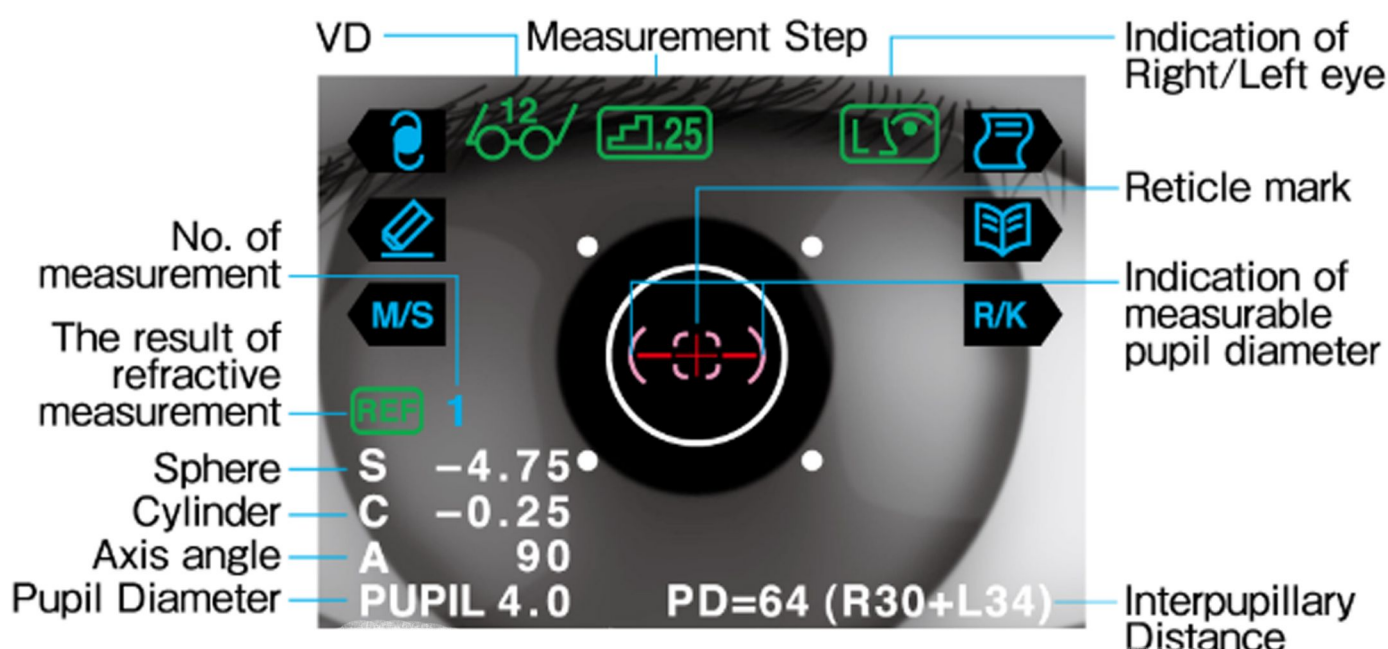
## PD Measurement

Near PD is automatically calculated based on the measurement of Far PD at the selected distance.

## Small Pupil Measurement

Improved system measures pupil diameter as small as 2.2mm. The subject with long eyebrows and smaller eyes are measured easier.

## LCD Display



## Specification

Refraction Measurement	Sphere -22~+30D (VD=0mm)
	-30~+22D (VD=12mm) (0.01/0.12/0.25DStep)
	Cylinder 0~±10D (0.01/0.12/0.25DStep)
	Axis angle 1~180° (1°Step)
Pupil Diameter Measurement	φ2~φ8mm (0.1mm step)
Vertex Distance	0, 10, 12, 13.5, 15mm
Minimum Pupil Diameter	φ2.2mm
Pupillary Distance	Measurement Range 0~85mm (1mmStep)
Printer	Thermal printer with Automatic Cutter (Width 57mm)
Internal Monitor	5.7 inch LCD Display (Color)
Movable Distance	Back/Force ±17mm Right/Left ±43mm Up/Down ±17mm
Movable Distance of Chinrest	±30mm
Overall Dimension	(W) 260mm×(D) 465mm×(H) 453mm
Weight	About 17kg
Output	RS-232C, USB2.0 Interface
Rated Voltage	100~240V 50/60Hz
Consumption	80VA
Power Save	OFF, 3, 5, 10 min. (Selectable)