

AUTO REF

Advanced IOL Mode & Measurement of Pupil Diameter

AUTO REFRACTOMETER GR-2200



Grand Seiko.com

Auto Start

When the position and the focus are aligned, the measurement is taken automatically for the fixed times. Then, once both eyes are measured, print out will come out automatically.

Tilting Large LCD

Depending on the position of operator, the angle of LCD can be changed freely. With this Large Color LCD, the measurement can be done easily since the measurement information is shown in color and by icon.

User Friendly Fast Printer (with Auto Cutter)

For the replacement of paper, just put it in and close the cover. It is very simple and easy because there is no need to make any adjustment.

Simple Lock

Just turn the knob to stop the main unit temporary. It can be put on the slinding table safely.

Electric Chin Rest

Chin Rest moves electrically with the switch in front of operator.

Advanced IOL Mode

After redesigning the whole system and making the improvement, even the cataract and the IOL implanted subject can be measured much more than before.

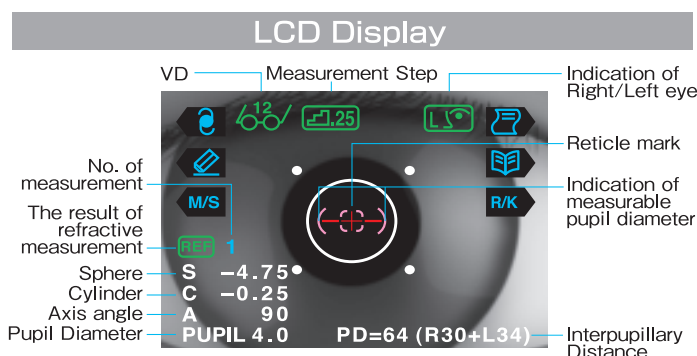
PD Measurement

Measures the Far PD and the Near PD is calculated accordingly (select working distance from 30, 35, 40, 45cm). The result can be printed out as NPD as well.

Small Pupil Measurement

Compare to the previous model, it measures smaller pupil of 2.2mm diameter to allow the measurement of elderly and the person with long eyebrows easier.

Right eye data		Date & time
<div>Message Area</div> <div>No. 00001</div> <div>NAME 2009 10 01 13:10</div> <div>VD=12</div> <div><R> SPH CYL AX PUP.</div> <div>-4.75 -0.25 90 5.0</div> <div>-4.75 -0.25 90 5.0</div> <div>-4.75 -0.25 90 5.0</div> <div>-4.75 -0.25 90</div>		
Refractive data		
Left eye data		Representative value (Displayed when the measurement is taken 3 times)
<div><L> SPH CYL AX PUP.</div> <div>-4.50 -0.75 90 5.0</div> <div>-4.50 -0.75 90 5.0</div> <div>-4.50 -0.75 89 5.0</div> <div>-4.50 -0.75 90</div>		
Refractive data		



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)

Accessories

- Test eye / 1 pc
- Power cable / 1 pc
- Printer paper / 3 rolls
- Fuse 2A / 2 pcs
- Chinrest paper / 1 pack (1000 sheets)
- Chinrest pin / 2 pcs
- Dust cover / 1 pc
- Contact lens holder / 1 pc
- Operation Manual / 1 pc
- USB Driver CD / 1 pc

Option

- MDC-1 The Measurement Data Collection software
- Electric table
- Chair

Rexxam CE 0197
Rexxam Co., Ltd.
958 Ikeuchi, Konan-cho, Takamatsu, Kagawa 761-1494 Japan



Certified Management System
• ISO 9001, JIS Q 9001
• ISO 13485

EC REP

REXXAM ELECTRONICS IRELAND CO. LIMITED
Donore Road, Drogheda, County Louth, Ireland
Tel. +353-41-9839700 Fax. +353-41-9839702

- Specifications and design are subject to change without prior notice for improvement.
- The screen is composed photograph.
- The color of instrument on the catalogue and the real product might be different.
- We judge that the LCD Monitor is qualified if the total "lit pixel" and/or "missing pixel" is less than five (excluding non-sharp one and less than half one).
- Production and Distribution Registration Number: 37B2X10001000040



For the proper and safety use, please read the Instruction Manual thoroughly before using the product.

SHIGIYA
SHIGIYA MACHINERY WORKS LTD.
GS Division <http://www.GrandSeiko.com>
5378 Minoshima, Fukuyama, Hiroshima, 721-8575 Japan
Tel. +81-84-981-5735 Fax. +81-84-953-6758

● Agency