

NEW

LCD VISION CHART GV-900

Specification

Installation Distance	1.5 to 8m (25cm and 50cm step)
Chart Range	Decimal-0.05~2.0/Meter-400~10/Feet 120~3
LCD Display	19 inch SXGA (1280×1024 pixels)
Chart Display	Singles Letter, Horizontal Line, Vertical Line, Mirror, Black/White
Chart Type	Tumbling E, Landolt Rings, Alphabetical Letters, Korean, Russian, Japanese, Numbers, Pictures, ETDRS, Color Blindness Images,
Special Chart Type	Phoria with Fixation, Aniseikonia, Cyclophoria, Worth 4 dots, Fixation Target, Binocular balance, R/G Binocular balance, Stereopsis, Astigmatism, Dots, Cross Hair, Schober's, Amsler Grid
Filter	Red/Green
Chart Change	Remote Controller w/LCD(backlight)
Contrast	100%, 75%, 50%, 40%, 30%, 20%, 10%, 7.5%, 5%, 3%, 1.5%
Dimension	Main Unit-(W)436mm×(H)362mm×(D)59.5mm Remote Controller-(W)69.5mm×(H)235.5mm×(D)26mm
Weight	Main Unit-about5.5kgs Remote Controller-about200g
Rated Voltage	100~240V 50/60Hz DC12V/3.3A
Power Consumption	40W
Power Save	OFF, 5, 10, 15min.(selectable)
Communication	Wire : RS-232C Communication Wireless : IR Communication

Accessories

- Remote Controller/1set
- USB Cable for Remote Controller/1pc
- Wall Mounting Bracket/1pc
- Power Cable/1pc
- Desk-top Stand/1pc
- Operation Manual/1pc
- Power Adaptor/1pc
- USB Adapter for Remote Controller Recharge/1pc



● Wall Mounting Bracket

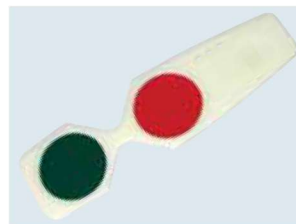


● Desk-top Stand

Option



● Floor Stand



● Red/Green Glasses

- Specification 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.



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

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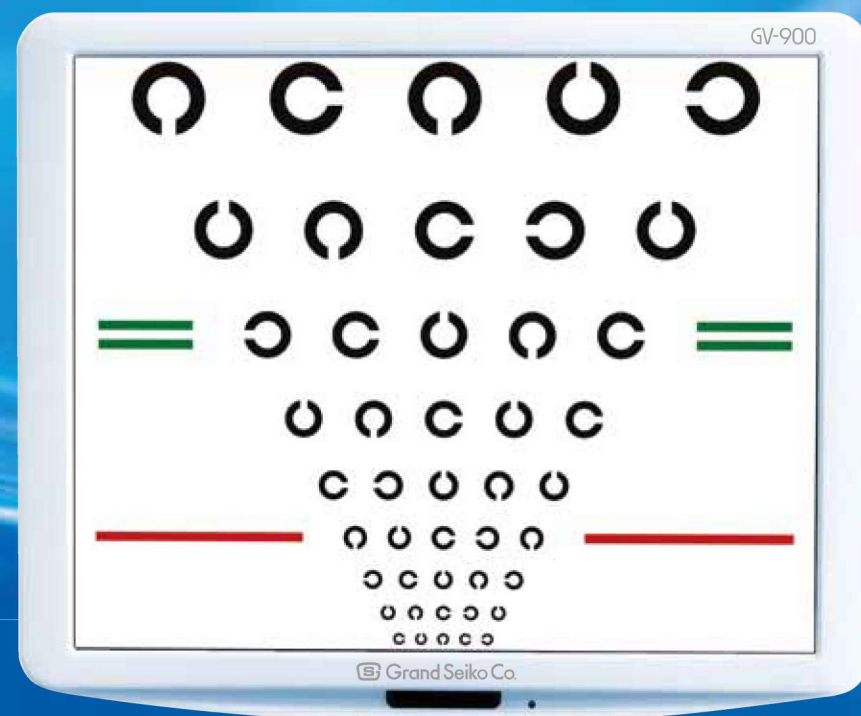
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GV-900

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Remote Controller with Wide Screen

Wide Test Range

With the 19 inch Large LCD Display, in addition to 0.1 (20/200, 6/60) to 2.0 (20/10, 6/3) charts, 0.05 (20/400, 6/120) and 0.08 can be used for some charts, which was not possible with 5m VA chart.

Many Varieties of Charts

In addition to “Landolt Rings”, “Tumbling E”, “Alphabetical Letters”, “Numbers”, and “Pictures”, the special charts for Binocular Balance, Aniseikonia, Stereopsis, Binocular Fusion, Suppression, Strabismus, Phoria, Color Blindness, and Amsler Grid Test as well as ETDRS chart are available.

Remote Controller with LCD Window

Large LCD Display can show 3 lines of charts and their values. With the backlight, it can be seen even in the dark test room. Individual Buttons are available for Red/Green Filter, Random Display, and 2 programs.

Wired/Wireless Remote Controller

It can be used both wired as well as wireless. Additionally, it does not need the replacement of battery due to the adoption of rechargeable Lithium-Ion Polymer internal battery.



Random Display

When Random Button is pressed, chart will be shown randomly in the same size. With this function, even if the next examinees would memorize the charts, it would not affect the test result.

Change of Setting Distance

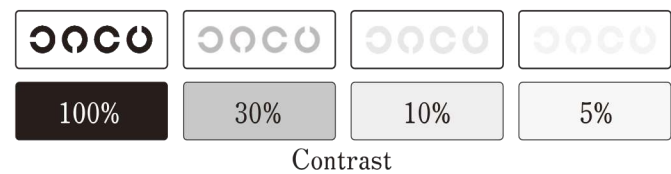
Able to change the installation distance depending on the location. Normal setting is 5m, but it can be changed between 1.5 to 8m in 25cm or 50cm step. With the mirror mode, by looping back at 2.5m (3m), it would be the same as setting at 5m (6m).

Stereopsis Test

There are the special charts for the stereopsis test. With the optional Red/Green Glasses, it can test the stereopsis.

Contrast Test

Contrast can be changed in 11 steps – 100%, 75%, 50%, 40%, 30%, 20%, 10%, 7.5%, 5%, 3%, 1.5%. With this function, it can be used for the adequacy test of night driving as well as screening of eye disorder like cataract.



Black/White Reverse

Black/White reverse function helps Cataract and Lasik patients recognize charts easily.

Possible to Program Testing Order

2 different testing orders can be programmed with the maximum of 8 items in each program. With this function, the examiner can program the original test procedure up to 2 in order to avoid some mistake or forget some test. Additionally, the same test procedure can be used all the time.

Thin Light Weight Design

Only weighs 5.5kg and can be used even outside of the test room.

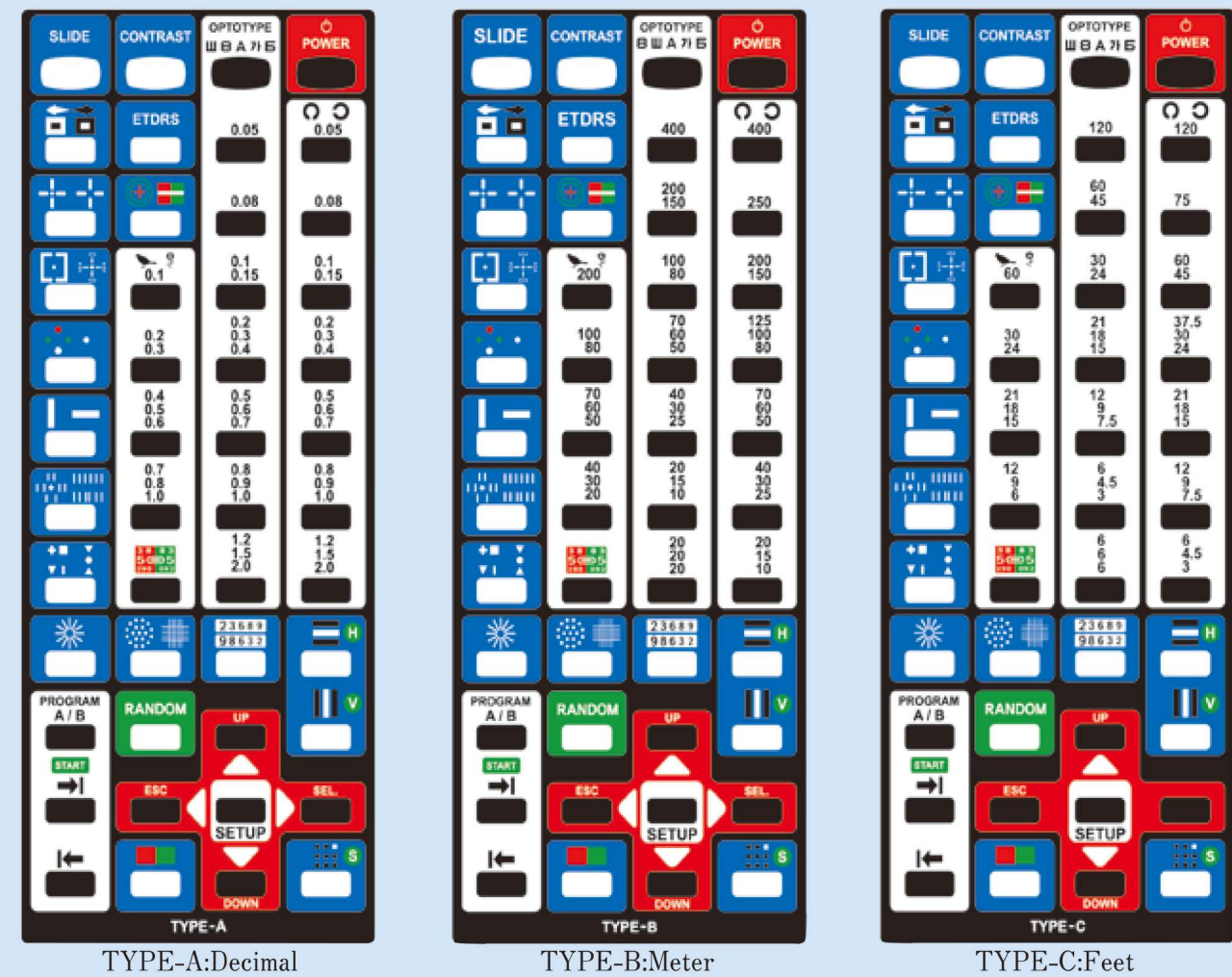
SLIDE SHOW Function

It can store 18 custom images in SD card and displays the images while the system is in power saving mode. And the images changes in 5, 10, or 15 seconds. 6 kinds of eye movement test charts during this mode. 4 kinds of Amsler Grid for Macular Degeneration. Animation for making children concentrated during the test.

ETDRS Chart

There are 4 different charts. ETDRS (Early Treatment Diabetic Retinopathy Study) is made to evaluate the visual acuity of diabetic retinopathy patients. It can detect even the small change in the visual acuity of low vision patients compare to the conventional charts.

Three Type of Remote Controller



Example of Charts

