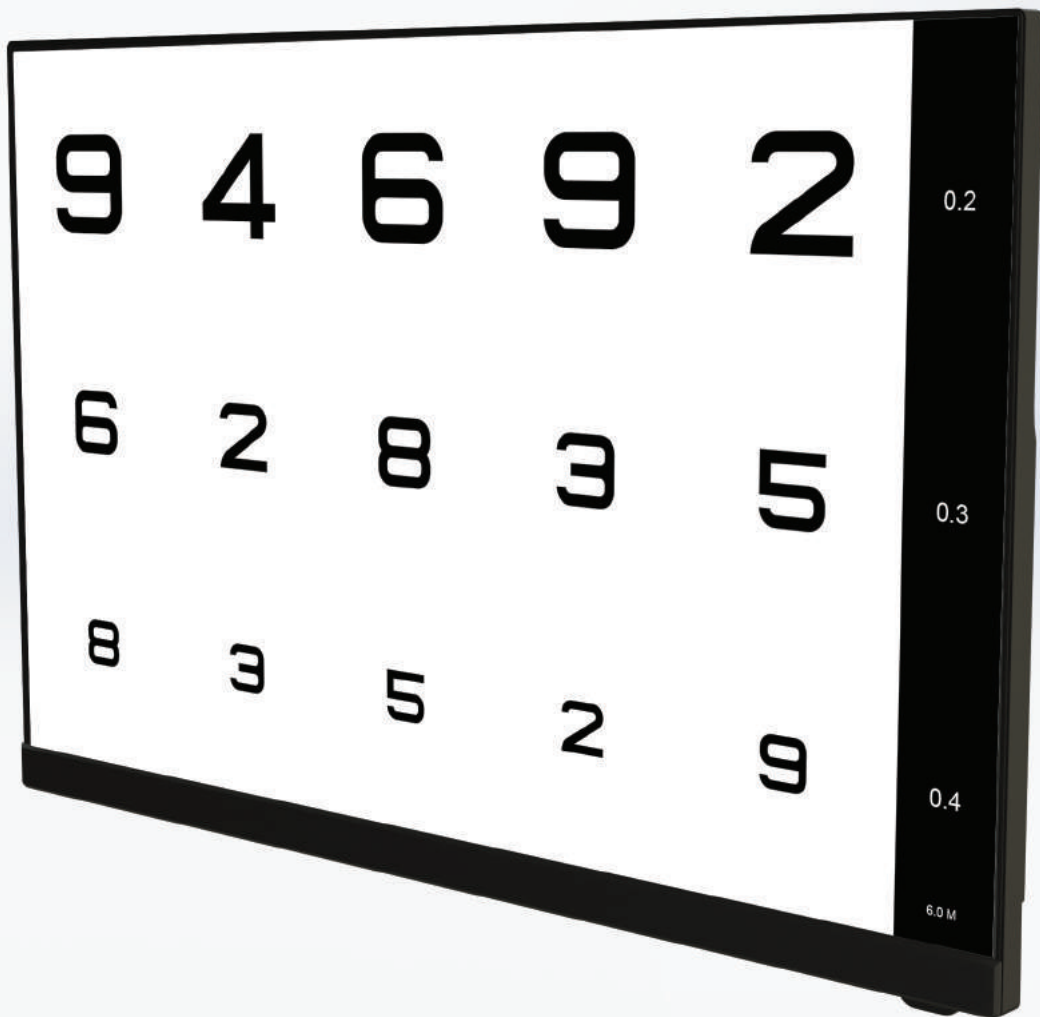


So ultra-compact in its size, yet so enormous in its performance.

tSLC

2000

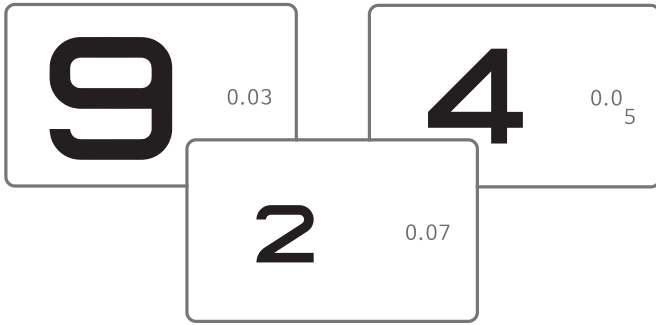
Visual Acuity Chart System



SCIENCE TERA

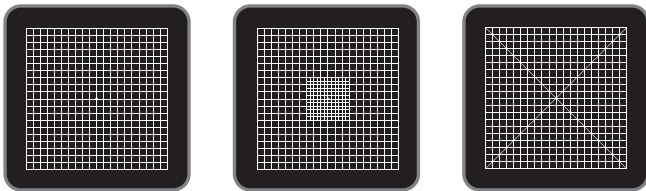
Revision date Oct 15, 2025

The largest VA charts for low-vision



For the patient of low-vision, it provides 0.03, 0.05 and 0.07 VA charts in all kinds of VA optotypes. (20/660, 20/400, 20/300 in Feet type)

AMSLER Grid



AMSLER Grid charts enable a convenient diagnosis for retinal diseases.

Randomizing charts



Randomly re-arranges letter order at the same VA level. This prevents erroneous test result from the patient memorizing the charts.



Portrait screen mode

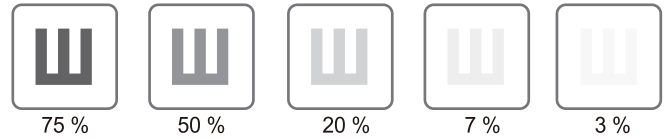
The portrait function enables that it can be installed onto the narrow space without additional interior construction changes.

Crowding mask



In the eyesight test for child and patient who has other ophthalmic disease, it offers the function covering letter with interaction bars to exclude distinction between letters' concentrated distance for the concentration of optotypes.

Adjusting contrast level of optotype

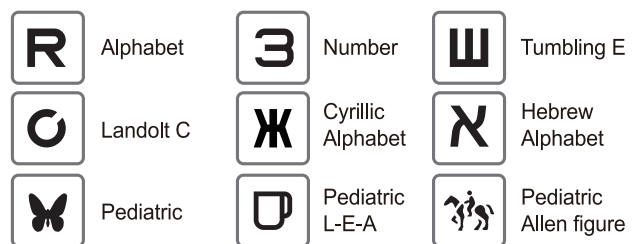


It includes a function that allows adjustment of the contrast level in 10 steps, ranging from 100% to 1.5%. This feature is designed to support contrast sensitivity testing and refraction assessment for post-surgical patients.

Compatibility with other devices

It basically provides wireless communication using infrared radiation and wire communication using RS-232 protocol. Using this, it can be used with other devices such as digital refractor made by other manufacturer. For this, consult with the manufacturer or local distributor.

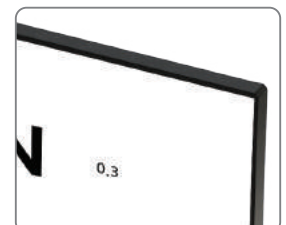
Variable optotypes for eyesight test



To support an effective and accurate eyesight test, it provides an alphabet, a number, Tumbling E, Landolt C, Cyrillic alphabet, Hebrew alphabet, pediatric pictorial optotypes. And, it specially provide L-E-A and Allen figure pictorial optotypes as well as traditional optotypes for children.

Bezeless frame design

The 2.7mm thin plastic rim design configures a screen with Bezeless. Also, the thickness of the product is 44mm only.



64 bit QUAD-CORE

Enjoy more fast and excellent system with high performance of Quad-Core CPU and GPU.

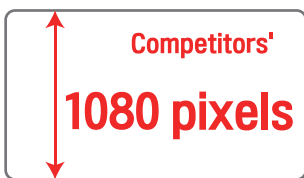


Android Embedded

Android Embedded system that has various additional functions and powerful resource management enables more stable eyesight test.

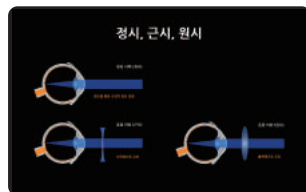
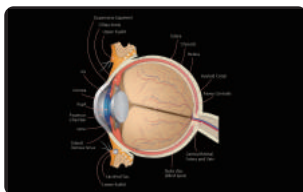
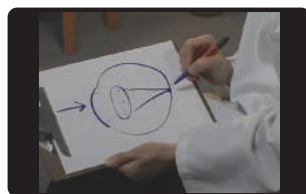
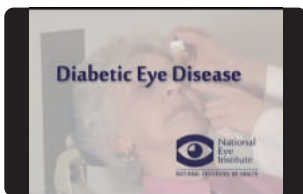
Utilization ability of screen ratio 16:10

It displays more information including visual acuity chart and other functional images on the full-screen because its height and vertical resolution are longer than competitors'.



Excellent slide function

It shows patients the examples that can explain diversified refractive errors such as myopia, hyperopia and astigmatism. It is also possible to play video or display images stored to the internal memory or external USB drive at user preference. This can be used to advertise during the screen saver mode.

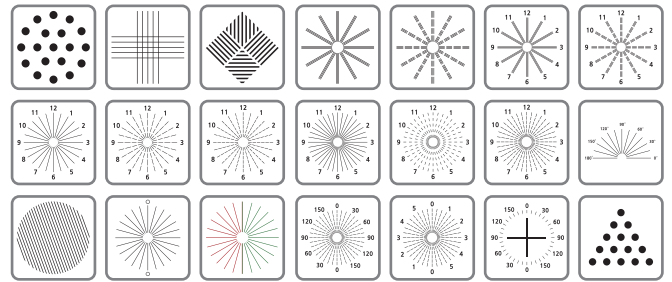


Convenient guide features

The tablet PC screen displays a description of the function and operation of each test mode, providing the operator with important information about that test.

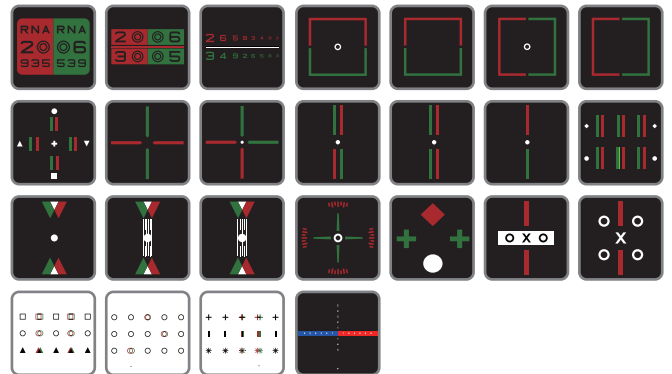
Various astigmatism charts

For precise and convenient astigmatism test, it offers 21 kinds of astigmatism test charts.



Useful special test charts

It provides more than 25 kinds of special charts that can be applied to many types of tests such as the Binocular vision test, Stereoscopic vision test, Heterophoria/Heterotriopia test, Binocular Balance test, Fusion and Suppression Test, Aniseikonia test and more.



Wide range of test distance

According to the environment and method of refraction, test distance can be adjusted from 1.5 to 8.0 meters in the menu screen. [4.75 to 26.00 feet]

Fan & Block



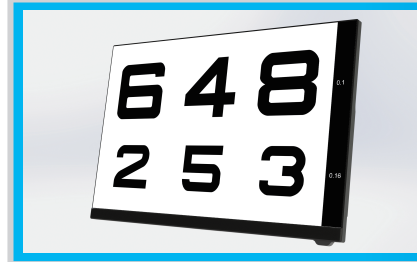
Fan & Block function enables to get an accurate astigmatism axis of the patients.

Dynamic moving test chart

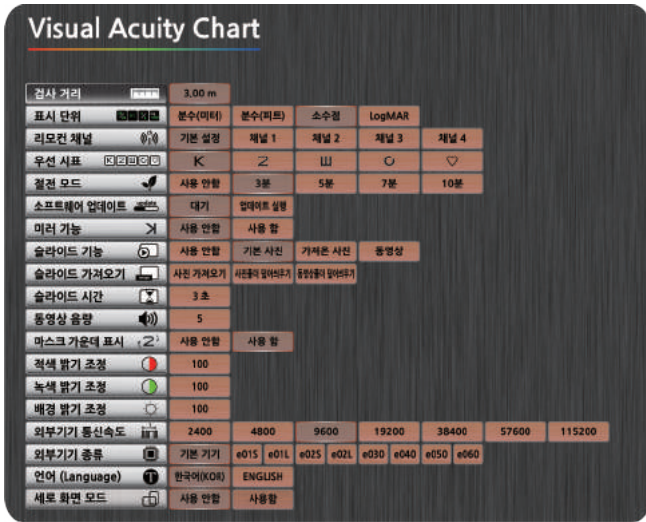


In the measurement for phoria test and binocular test, the size or position can be adjusted by the button of remote-control.

Where precision meets innovation - the harmony of cutting-edge hardware and advanced software brings clarity and joy to your everyday life.



Convenient MENU screen



For high visibility, it has a lot of intuitive icons and provides multiple language for convenient use.

Optimized display unit step

Meter	Feet #1	Feet #2	Decimal	LogMAR
6/200	20/660	20/660	0.03	1.52
6/120	20/400	20/400	0.05	1.30
6/85	20/300	20/300	0.07	1.15
6/60	20/200	20/200	0.1	1.00
6/48	20/150	20/150	0.15	0.80
6/40	20/100	20/100	0.2	0.70
6/36	20/90	20/80	0.3	0.52
6/30	20/80	20/70	0.4	0.40
6/24	20/70	20/60	0.5	0.30
6/21	20/60	20/50	0.6	0.22
6/18	20/50	20/40	0.7	0.15
6/15	20/40	20/30	0.8	0.10
6/12	20/30	20/25	0.9	0.05
6/9	20/20	20/20	1.0	0.00
6/7.5	20/20	20/20	1.2	-0.08
6/6	20/15	20/15	1.5	-0.18
6/4.5	20/10	20/10	2.0	-0.30

It basically provides five kinds of display unit as above, and it shows measurement unit optimized to identify with ease.

tslc-2000

Visual Acuity Chart System

Specifications

Screen	24 inch (61 cm) WUXGA LCD
Visible area	(W) 518.4 x (H) 324.0 mm
Screen ratio	16 : 10
Resolution	1920 x 1200 pixels
Test distance	1.5 ~ 8.0 m (0.1m step) 4.75 ~ 26.00 feet (0.25 feet step)
Main processor	Amlogic S905 SoC 4 x ARM Cortex-A53 1.5Ghz 64bit ARMv8 Architecture @28nm 3 x ARM Mali-450 MP 700Mhz
Internal memory	MicroSD 32GB 90MB/s

Power	AC 100-240, 50/60Hz
Adapter power	DC 12V 5A, 50 VA
Control	Infrared Remote-control or RS-232
Multi-channel	Max. 4 channels
External interface	4x USB, 1x RS-232c, 1x Ethernet(10/100/1000)
Standard accessory	Remote-control, Wall-mount bracket, Operation manual, Power supply, Power cord
Optional accessory	Floor stand, Red/Green glass
Dimension	(W) 534 x (D) 361 x (H) 41mm
Net-weight	Approximately 4.0 kg

Designs and details can be changed without prior notice for its improvements.



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