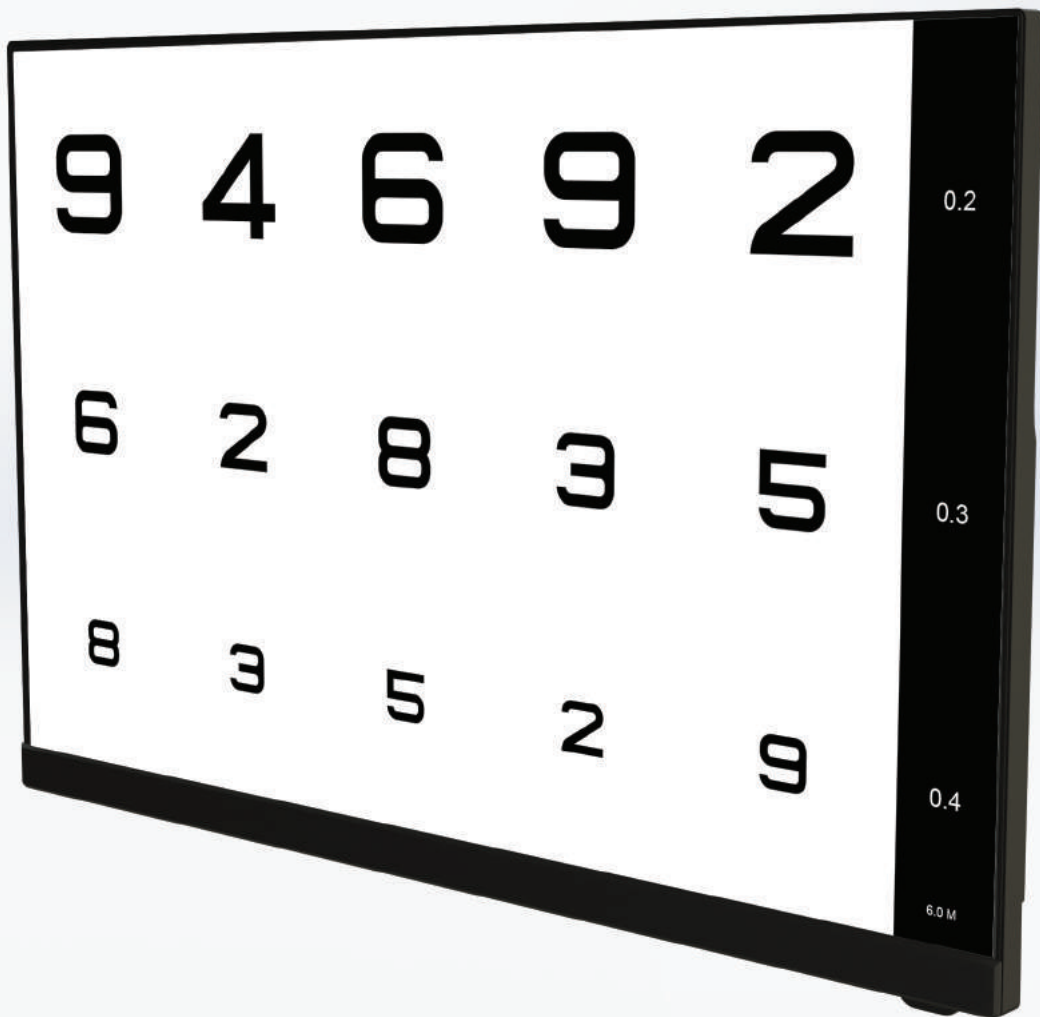


Ultra-compact in size, yet powerful in performance.

tSLC

2000

Visual Acuity Chart System



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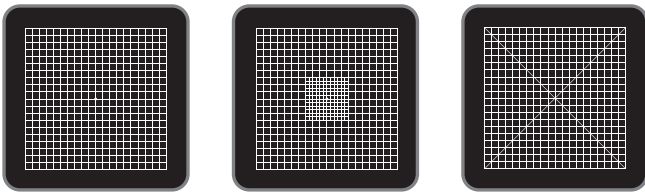
Revision date May 28, 2026
(EN)

Extra-large optotypes for low-vision patients



Provides 0.03, 0.05, and 0.07 VA charts for low-vision patients.
(20/660, 20/400, 20/300 in FEET scale)

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

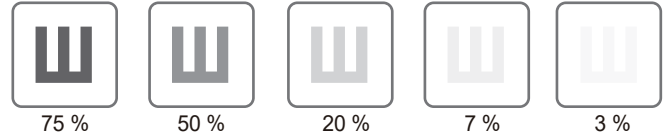
Portrait mode allows installation in narrow clinical spaces without a dditional interior modifications.

Crowding mask



For children and patients with ophthalmic diseases, crowding bars help improve concentration and optotype recognition during visual acuity testing.

Adjustable optotype contrast levels

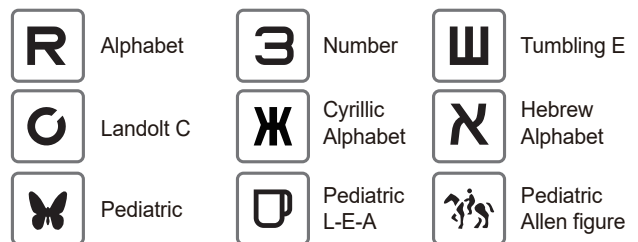


Optotype contrast can be adjusted in 10 levels from 100% to 1.5%, supporting contrast sensitivity testing and refraction assessment for post-surgical patients.

Compatibility with Global Refraction Systems

Supports infrared and RS-232 communication, enabling integration with various digital refractors and refraction systems from leading global manufacturers.

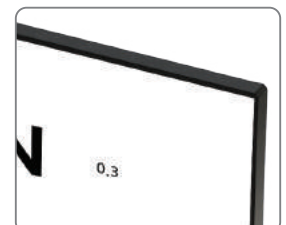
Various optotypes for visual acuity testing



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 also provide L-E-A and Allen figure pictorial optotypes as well as traditional optotypes for children.

Bezeless frame design

The ultra-thin 2.7 mm bezel design maximizes the display area. Also, the thickness of the product is 44mm only.



64-bit Quad-Core Processor

Delivers fast and stable system performance with a high-performance quad-core CPU and GPU.

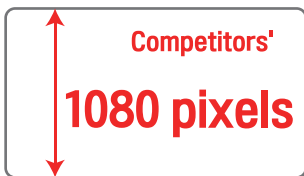


Android Embedded

Embedded Android platform with enhanced functionality and stable resource management.

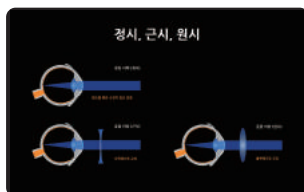
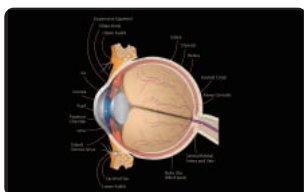
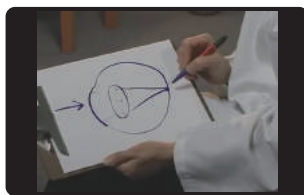
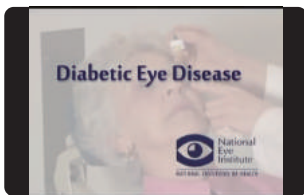
Optimized 16:10 display ratio

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'.



Multimedia display function

It shows patients the examples that can explain various 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.

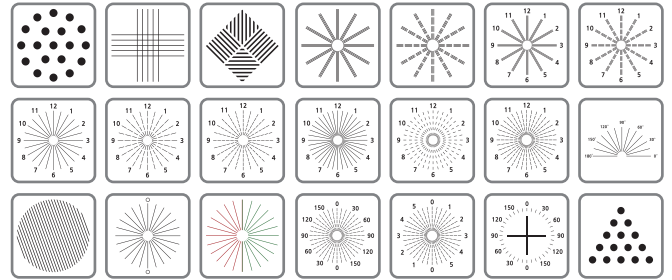


Flexible testing distances

Testing distance can be adjusted from 1.5 m to 8.0 m through the menu settings. [4.75 to 26.00 feet]

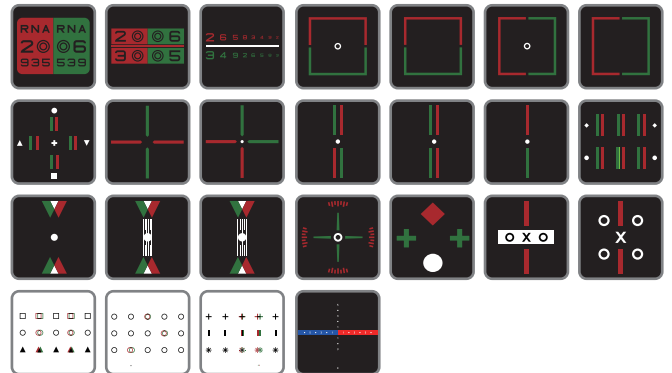
Various astigmatism charts

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



Specialized 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.



Fan & Block



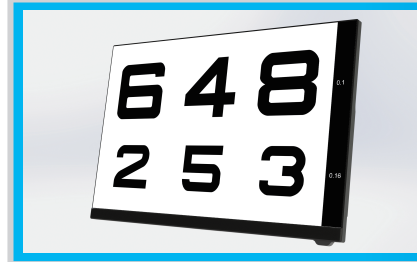
Fan & Block function enables to get an accurate astigmatism axis for the patients.

Dynamic moving test chart

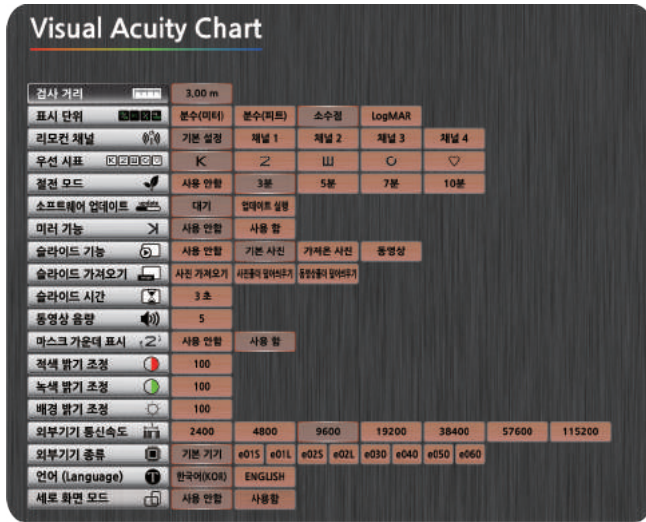


In the measurement for phoria test and binocular test, the size or position can be adjusted by the button of remote-control.

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



User-friendly interface



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

Optimized visual acuity step display

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 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

Standard	Regulation (EU) 2017/745 (MDR)
& Compliance	IEC 60601-1, IEC 60601-1-2, IEC 60601-1-9 IEC 62304 IEC 14971
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 instructions, 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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