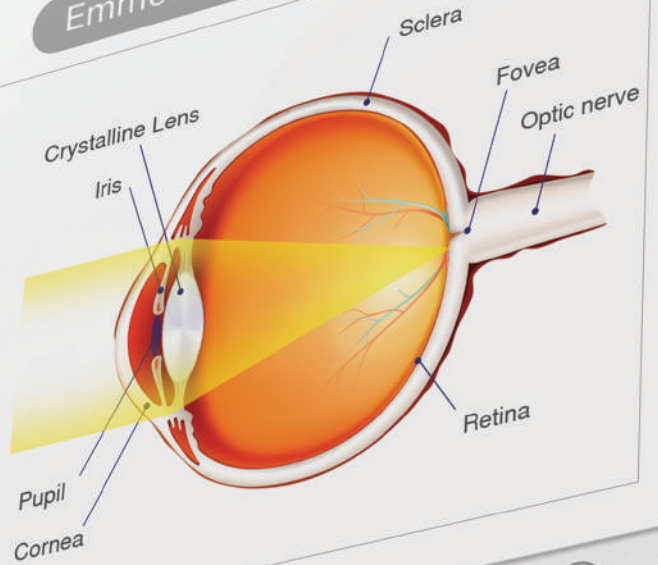


SMART LC™ 13 LED

Eye Information

Emmetropia



Emmetropia



Myopia



Hyperopia



Astigmatism



Cataract



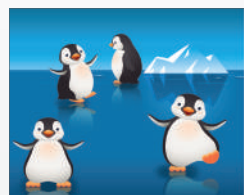
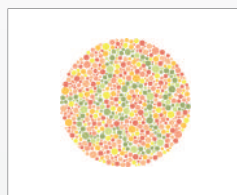
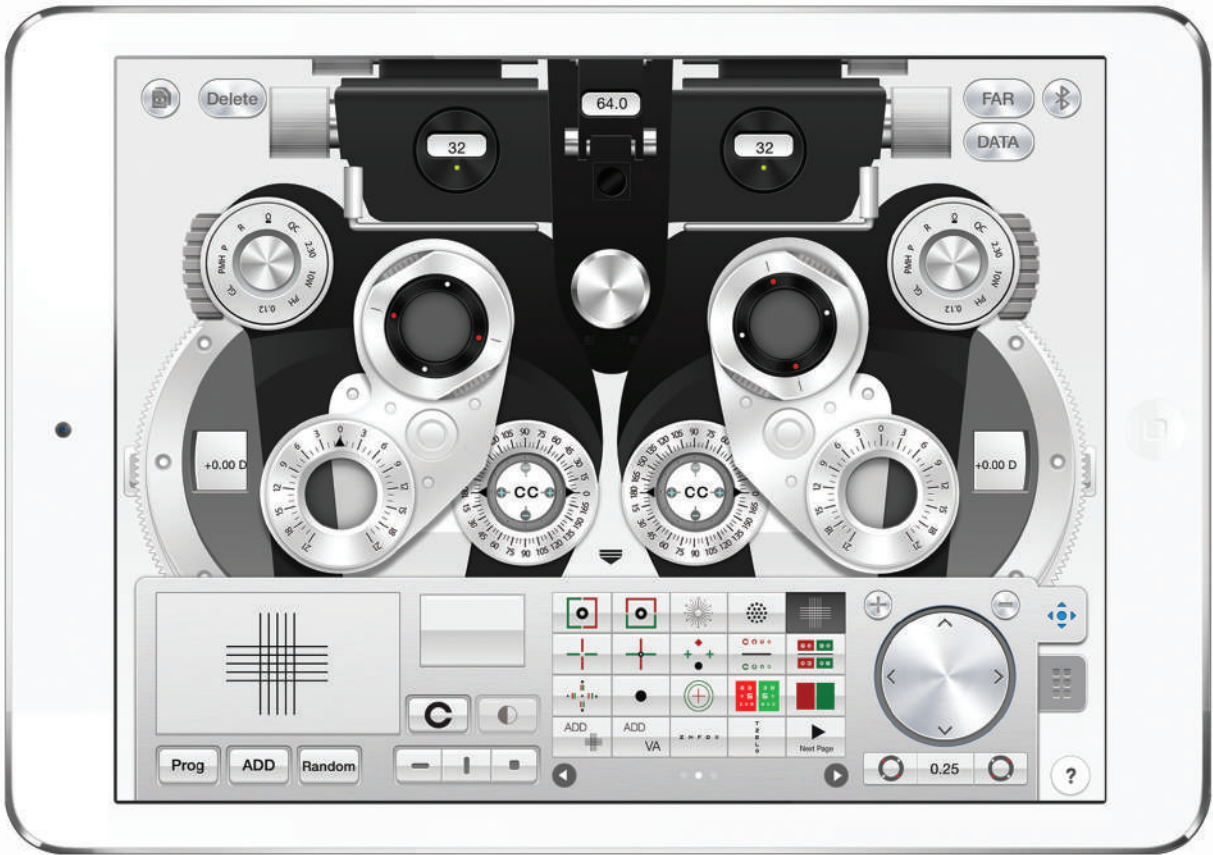
Glaucoma



Macular Degeneration

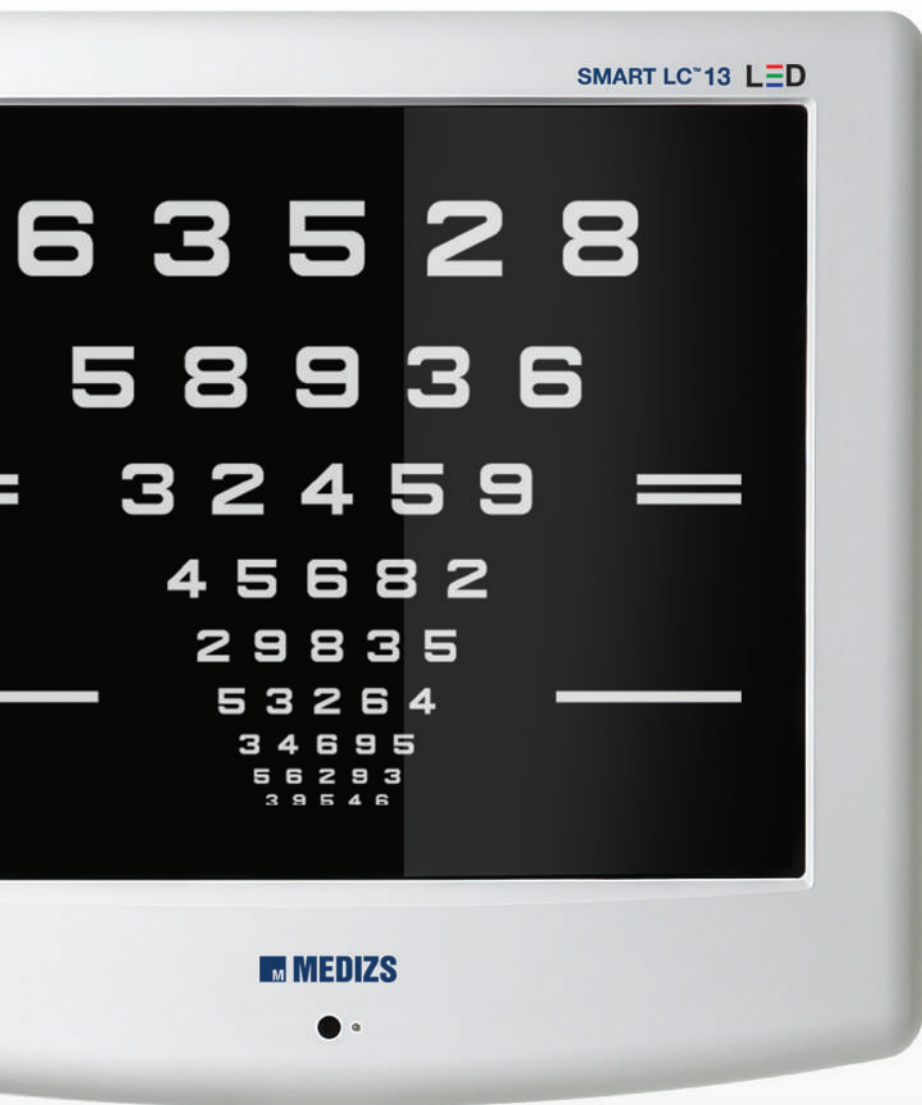
MEDIZS

SMART LC™ 13
LED Visual Chart



Bluetooth

Bluetooth network allows the Medizs Smart Series users to handle all the optometry process with one single application. Users can control the chart and phoropter with a Smart Pad (Android and iOS) and all the data are sent to the application for effective and efficient test. We try our best to reflect our valued customers' demand through continuous updates in order to provide the most comfortable environment.



Two types of controllers (Tablet PC and remote control) are available for usage depending on the user's preference. LED monitor screen allows less breakage of chart outline. In addition, users can automatically update the firmware by using USB. Moreover, intuitive interface assures low entry barriers for the first time users.

High resolution LED panel and Smart System



High Resolution 19-inch LED Display

LED TFT LCD panel(1280*1024) and white uniform brightness of 250cd/m² allow accurate visual acuity testing.



Wireless Bluetooth Network

SMART MEDIZS, an iOS application provided by Medizs Inc. To control function for Chart System (LC13 / CP11) and Digitalized Refractor(DR13) at once, allows users to experience convenient and speedy refraction.



* IR Remote controller or Application controller available.



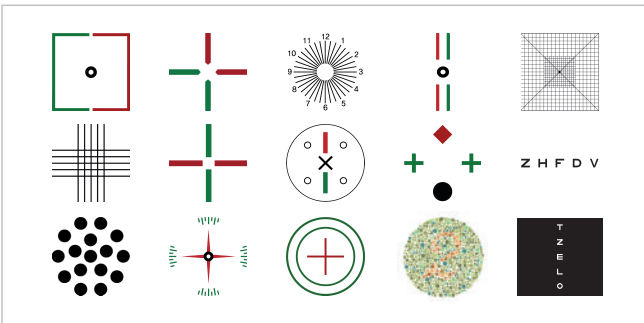
Wide Range of Optotypes and Tests

High resolution LED screen provides a wide range of testing option and sharper letter edge quality from the biggest to the smallest.

Various contents and functions of SMART LC-13

Over 100 Special Charts for Near Test

Can be used to patients with disease such as astigmatism, color blindness, heterophoria and so on.



Random Adjustment Function

LC13 randomly provides various charts with differently ordered opto-type with English, Landolt, Snellen, Children to prevent from memorizing the order of opto-type.



Basic & Customized Test Program

MEDIZS application provides the 16 steps of standard programs, and also provides five types and up to 20 steps of customized program that can be defined by users.

ETDRS Adjustment

Can conveniently control ETDRS built-in Landolt, Snellen, Russian, English, number with remote controller for convenience.



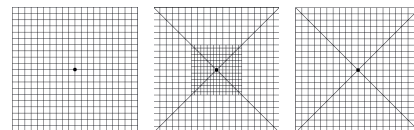
Test Distance Adjustment & Mirror Function

Test distance can be adjusted in accordance to the space of test room as step 0.25m Mirror function can test in even smaller space than 1.5m

*Max. test distance: 8m

Macular Degeneration Test

Amsler Grid checks symptoms of macular degeneration test.



Contrast Adjustment

Adjustment of contrast sensitivity helps in testing the patients who have undergone cataract or refractive surgery.

R/G Filter Adjustment

In accordance with measuring circumstances, density of R/G filter can be adjusted.

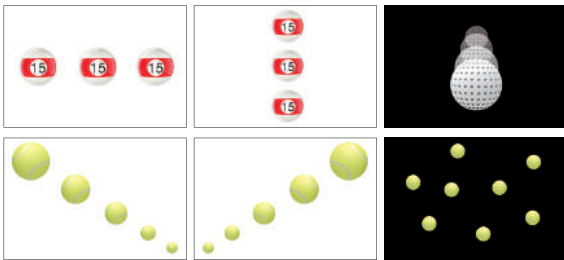
Information about Eye Care

Educational pages are useful to explain symptoms, causes, or treatment for the eye care such as refraction errors. (astigmatism/myopia/hyperopia)cataract and glaucoma.

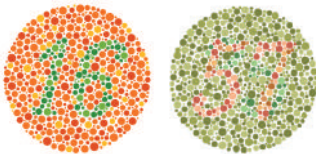


Eyeball Exercise

Eyeball exercise function such as vertical and horizontal, right-left diagonal, central etc. for recovery of eyesight.



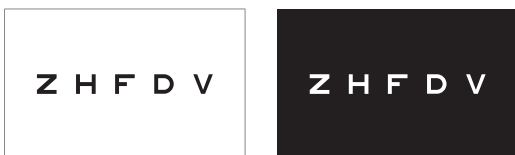
Color-blindness Test



22 color-blindness charts for color blindness and color weakness.

Black / White Reverse

Black / white reverse function helps in testing the patients who have undergone cataract or refractive surgery such as Lasik.



Red/Green 3D Stereo Test Function

3D stereo color weakness test with Red/Green Lens.

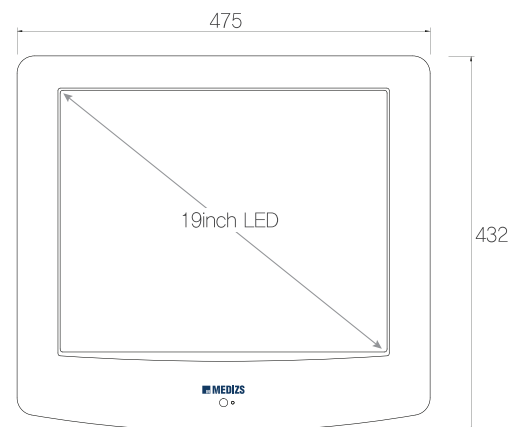


LC-13 Specifications

Chart	
LCD Type	19 inch (SXGA) LED TFT LCD
Resolution	1280(H) x 1024(V)
Display area	376.32(H) x 301.06(V)mm
Brightness	250 cd/m ²
Chart Available	Landolt Ring, Snellen E, English, Number, Children, Russian, Animation etc.
Chart Selection Speed	Average 0.2 sec
	Red/Green, Polarizing filter
Selectable Distance	1.5 ~ 8m (0.25m STEP)
Operating System	Windows CE 6.0

Hardware	
Power Supply	AC 100 ~ 250V
Power Consumption	60W
Dimension / Weight	Monitor_ 475(W) x 432(H) x 70.4(D)mm /5kg Remote controller _ 64(W) x 195(H) x 20(D)mm/180g
Data Interface	Wireless (Bluetooth)
Data Connection	USB A / B TYPE, SD CARD

Accessories	
Standard Accessories	IR Remote control, Wall mount
Optional Accessories	Red/Green glass, Floor stand



Above specification and design may be altered without notice.



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