ViewLight®

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D A Z T O   100

Z T A R H   90

N H T Z A   80

ViewLight

Suspensory Ligament
Cilliary body
Upper Eyelid
Sclera
Choroid
Retina
Iris
Hyaloid C
Cornea
Favea C
Pupil
Aqueous Chamber
Lens
Scleral Venous Sinus
Central Retinal Artery and Vein
Optic disc (Blind Spot)
Lacrimal Sac
Lower Eyelid

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FDA

Bluetooth network allows the View Chart Series users to handle all optometry with one single application. User control the chart and phoropter with both Android & iOS systems.
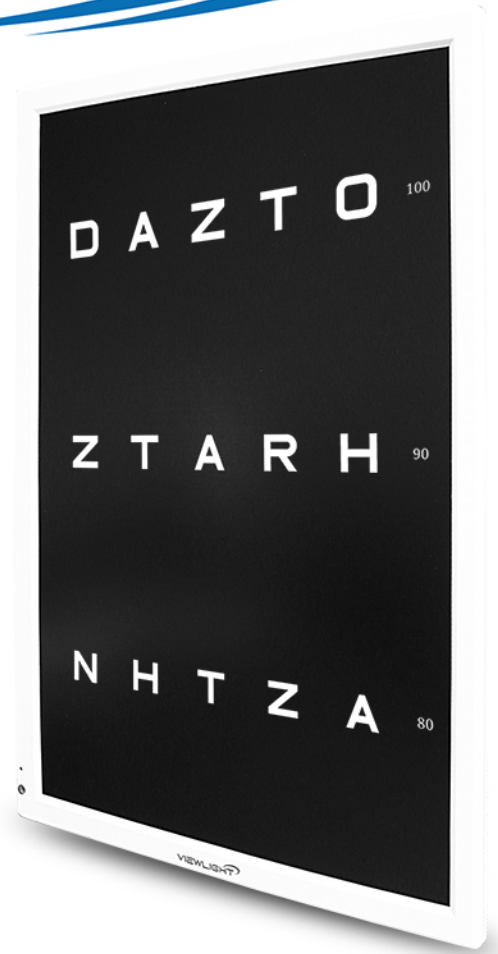
Bluetooth Communication

Wireless Communication

Information about Eye Care

1

2

3

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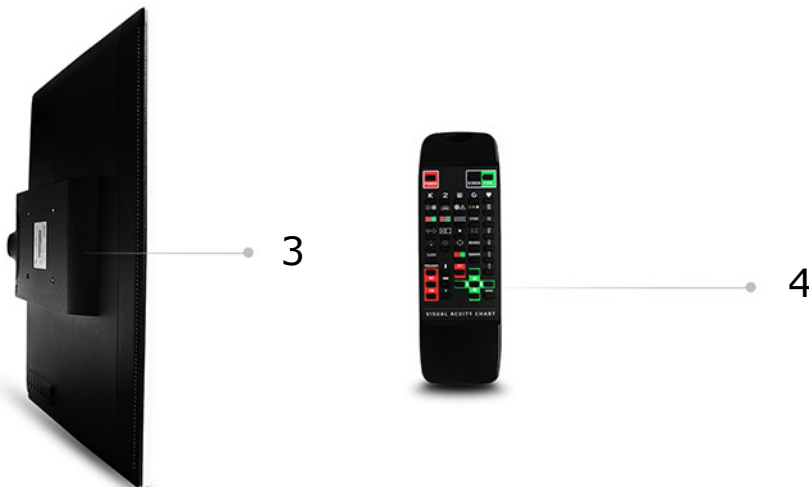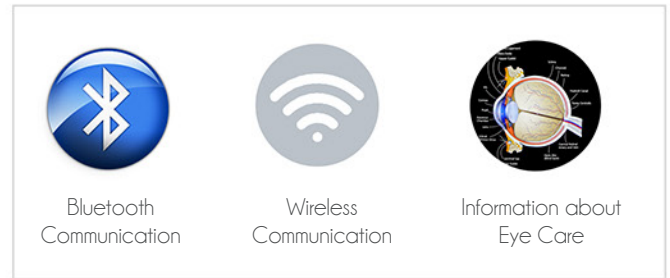
Product Introduction

1. 24 inch LCD Screen
2. LCD Stand Mount
3. Ethernet, USB, Serial Ports
4. Main Remote Control
5. Wall Mount Bracket

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Features:

- **LCD-2400** has the patent of 24-inch digital chart and it gives the widest measurement range for patients and variable charts with accurate result. System runs with Windows CE 6.0 OS.

- **Random Function:** Its random function helps examiners to diagnose the patients, it also maximize the precise testing result by automatically changing numbers and letters on the chart.

- **Contrast Sensitivity Adjustment:** LCD-2400 system helps examiners to do the visual acuity test for Cataract patients by using contrast sensitivity adjustment. It can be adjusted 6 steps (100% → 50% → 25% → 12% → 6%→ 3%) or it also can be chosen 1%

- **R/G Filter for Color Depth Adjustment:** LCD-2400 system enables a user to adjust to R/G filter concentration from the 0 to the 256 steps. It applies to all kinds of R/G chart Program Mode.

- **Astigmatism Axis Adjustment Function:** LCD-2400 system's adjusting astigmatismaxis function gives convenient environment to diagnose astigmatism test.
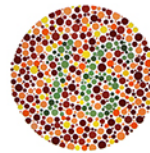
Interactive View Chart

LCD-2400

Product Information
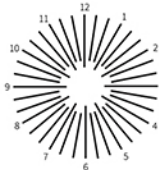
LCD-2400 is the visual acuity chart system run by WINDOW CE 6.0 OS. Its chart can be easily changed by simple remote control.
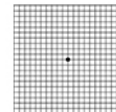
ETDRS - Early Treatment Diabetic Retinopathy Study. Contrast sensitivity testing with normative data using letters, patented bullseye or linear patterns.

LCD 2400 system has extensive animation functions which stimulate the children to concentrate during the test. The children chart consist of multiple traditional figures.

Black/White Reverse function helps people, with lasik or cataract surgery, to easily recognize optotypes.

Color Anamaly Charts are designed to to test your color-blindness and color weakness.

Astigmatic Test measures 7 kinds of clocks dials rotating step by step by using the up/down remote features.

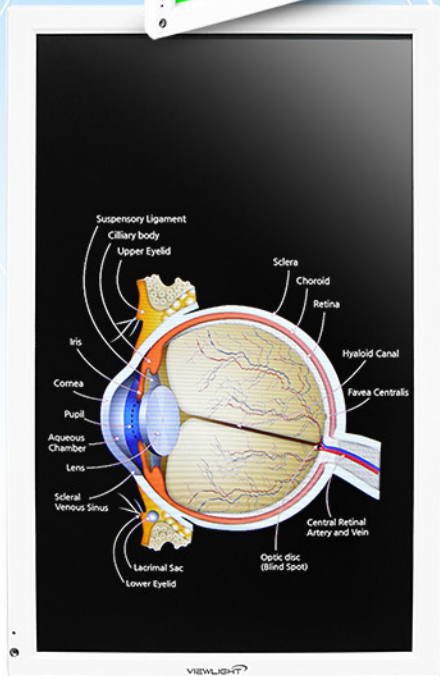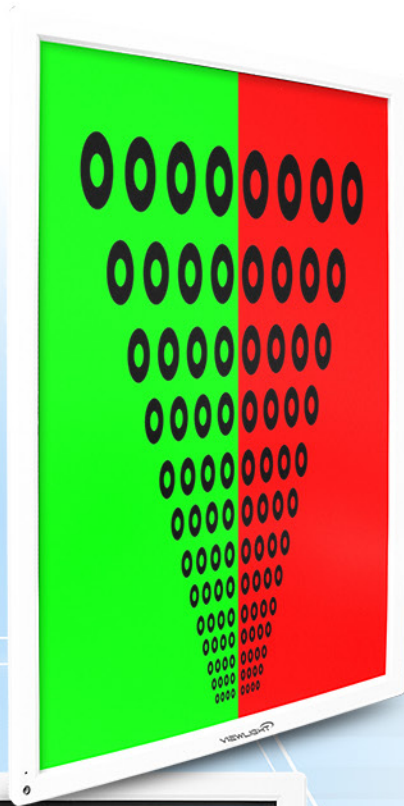LCD-2400 system's adjusting astigmatism axis function gives convenient environment to diagnose astigmatism test.

Phioria Test determines the patients eye focus near objects. Phioria usally occurs when binocular viewing is broken.

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Interactive View Chart

Product Specifications LCD-2400

Measurements

Display:	24 inch WUXGA LED Backlight
Active Display:	(W) 20.4 x (H) 12.8 inch
Resolution:	1920 x 1200 pixels
Brightness:	Max 350 cd / m²
View Distance:	2.0 m ~ 6 m (0.25 step adjustment)
Memory Type:	Solid State Disk 32G
Power:	AC 110V ~ 220V, 50/60Hz
Power Consumption:	Less than 180W
Power Supply:	DC 12V 5A
Dimension / Weight:	(V) 800 X (H) 478 X (T) 90 mm / 17 Kg
Dimension / Weight: (Remote Control) :	(V) 128.5 X (H) 26.5 X (T) 11 mm / 45g
Control:	Remote Control or serial communication
Dimension / Weight:	(V) 800 X (H) 478 X (T) 90 mm / 17 Kg

Technical Specs

Operating System:	Windows CE Embedded Type
Processor:	Amlogic ARM Cortex - A53 (ARMv8) 1.5Ghz QuadCore ∣ Mali -450 MP2 GPU (OpenGL ES 2.01/1.1)
External Interface:	USB 2.0 port, HDMI 1 port
Compatability:	USB 2.0 Port
Multi-control channel:	4x USB, 1x RS-232, lx Ethernet)10/100

FDA