ViewLight®

POWERED BY INNOVATION

Interactive View Chart

LCD-3200

D A Z T O   100

Z T A R H   90

N H T Z A   80
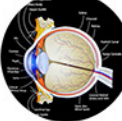
FDA

Interactive View Chart

LCD-3200

Bluetooth Communication

**Wireless Communication**

Information about Eye Care

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.

Product Introduction

1. Product Menu Software
2. 32 inch LCD Screen
3. Ethernet, USB, Serial Ports
4. Main Remote Control
5. Wall Mount Bracket

1

3

2

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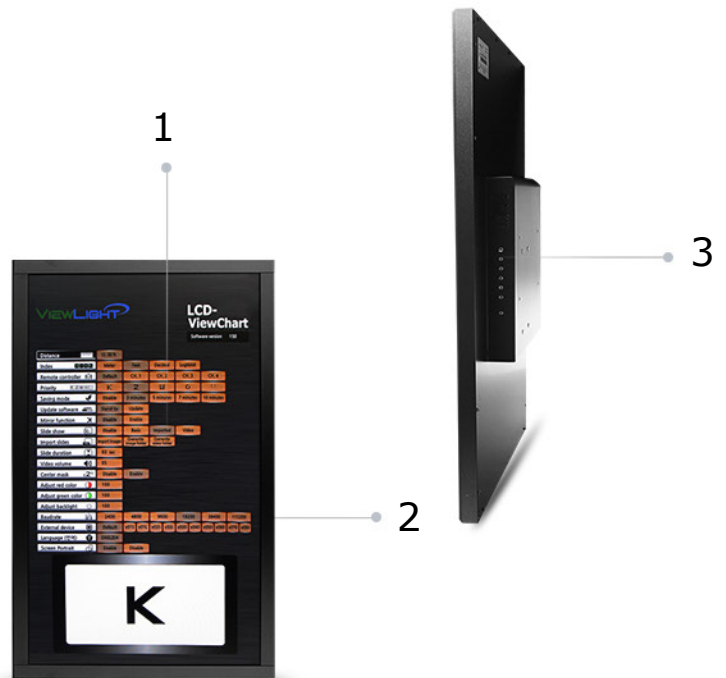
Features:

- **LCD-3200** has the patent of 32-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-3200 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-3200 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-3200 system's adjusting astigmatismaxis function gives convenient environment to diagnose astigmatism test.
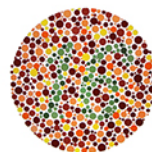
*Interactive View Chart*

LCD–3200

Product Information

LCD-3200 is the visual acuity chart system run by Google's Android Embedded System. Its chart can be easily changed by simple remote control.

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

ETDRS - Early Treatment Diabetic Retinopathy Study. Contrast sensitivity testing with normative data using letters, patented bullseye or linear patterns.
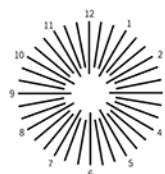
Astigmatic Test measures 7 kinds of clocks dials rotating step by step by using the up/down remote features.

LCD 3200 system has extensive animation functions which stimulate the children to concentrate during the test. The children chart consist of multiple traditional figures.
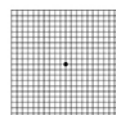
LCD-3200 system's adjusting astigmatism axis function gives convenient environment to diagnose astigmatism test.

Black/White Reverse function helps people, with lasik or cataract surgery, to easily recognize optotypes.
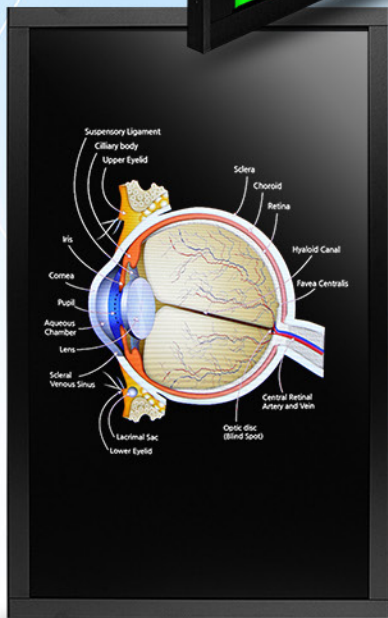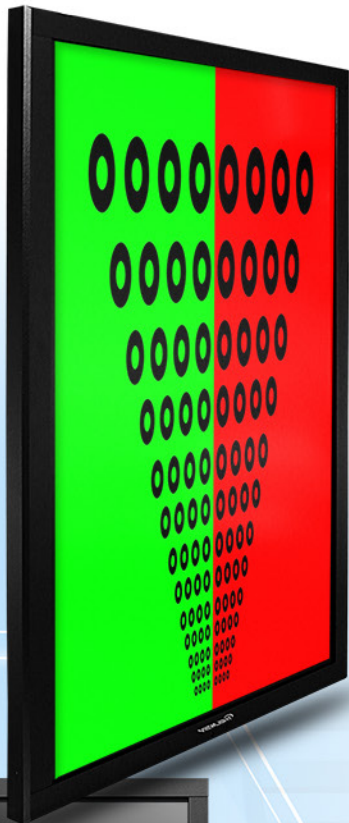
Phioria Test determines the patients eye focus near objects. Phioria usally occurs when binocular viewing is broken.

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Product Specifications LCD-3200

Measurements

Display:	32 inch QHD LCD Backlight
Active Display:	(W) 27.5 x (H) 15.65 inch
Resolution:	1920 x 1080 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 6A
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:	Google's Android Embedded System
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

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