view M
TECHNOLOGY

Digital Visual Acuity Chart System
VLC – 1900 / VLC – 2400 (P) (New System)

World Market Share No. 1

- New Standard of Visual Acuity Test
- Space-free Chart System
- No more Consumables needed
- Various Charts Support
- Image Slide-Show Customizable
- Stabilized All-in-One System Integration Technology
- User Friendly Function Design

CE   FDA   KFDA   ISO 13485

Digital Visual Acuity Chart System VLC-1900 / VLC-2400(P) (New System)

DISTINGUISHED FEATURES

Window CE Embedded Type Visual Acuity System

Window CE Embedded type of VLC chart system is more stable than computer based system and needs not additional accessories
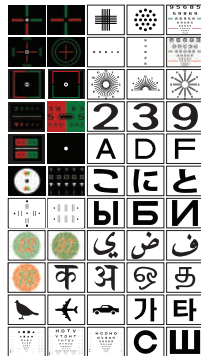
VLC chart system needs not cooling pan as it generates less heat while in operation

Booting Time : Less than 25 seconds

Special Charts & Various Precise Examination

VLC chart system helps various and precise exam including Binocular Balance, Aniseikonia, Streopsis, Binocular Fusion, Suppression, Strabismus, Phoria, Color Blindness and Amsler Grid Test with more than 100 charts

Wide Viewing Angle & Clear Chart

VLC chart system adopts high resolution 19-inch (1280 x 1024) & 24-inch (1920 x 1080) reliable industrial LCD panel with wide viewing angle which provides clear chart and removes the image distortion as well

User friendly function for test distance adjustment

Viewing distance can be adjusted in accordance to the space of test room

Viewing Distance is selectable by 0.25M step within 1.5M (Min) ~ 6.0M (Max)

Networking Function

VLC chart system communicates with compatible automatic phoropters

Wired / Wireless Remote Control with LCD Window

VLC chart system supports both wired / wireless remote control

High brightness of LCD panel enhances user convenience at dark eye exam circumstances

Remote control needs not replacement of Battery according to the adoption of rechargeable Lithium-Ion Polymer internal battery
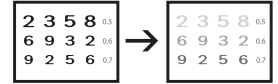
User friendly Function

Black / White Reverse

Black / White reverse function helps Cataract and Lasik patients recognize charts easily

Contrast Sensitivity Adjustment

VLC chart system helps examiner test with Cataract patients using contrast sensitivity adjustment

They enable the examiner adjust to 10 steps.

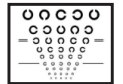#### R / G Filter Adjustment Function

VLC chart system provides 32steps of R / G filter density that can be used in accordance with test circumstances

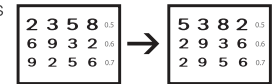All of Red/Green color charts can be reversed

ETDRS Adjustment Function

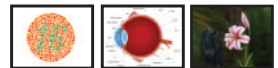Position of opto-types of ETDRS-1 and ETDRS-2 can be changed by pushing a botton on remote control

Random Function

VLC chart system provides various charts with differently order opto-types with Number, Alphabetic letters, Landolt, Snellen opto-types in order to protect the memorizing the order of opto-types by patients

SLIDE SHOW Function

VLC chart system can store 18 custom images in SD card and displays the images while the system is in power saving mode. And the images change in 5,10 or 15 seconds

6 kinds of eye movement test charts during Slide mode.
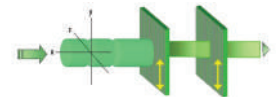
4 kinds of Amsler Grid for Macular Degeneration.

Animation for making a child concentrated during test.
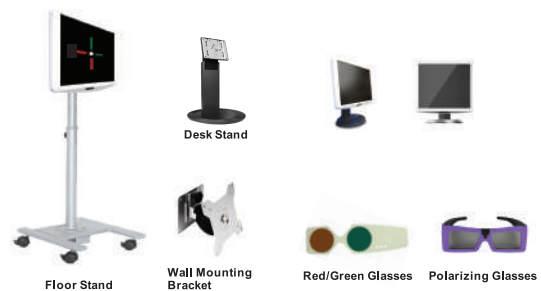
Chart Selection Function

An examiner can select one of both Non-pola and Pola chart.

Best Polarization Performance

VLC-2400 / P
Polarization of 24-inch full screen Optical polarization glass panel Precise eye exam available using special charts

SPECIFICATIONS

Model	VLC - 1900	VLC - 2400/(P)
LCD Type	19 inch (SXGA) TFT LCD	24 inch WUXGA TFT LCD
Resolution	1208 X 1024 pixels	1920 X 1080 pixels
Chart window size	(H) 300 X (W) 375mm	(H) 298.89 X (W) 531.36 mm
Brightness	80 ~ 320cd/M (5 - Level variable)	Max 250 cd/㎡
Chart Available	"Landolt, Snellen, English, Arabic, Numeral, Color Blindness, Special Charts, Image and etc."	
Selectable Distance	1.5 ~ 6M (0.25M step)	
Memory Type	SD Card	IDE type Flash Disk Module 4G
Power Supply	DC 12V / 5A	DC 12V / 5A
Power Consumption	40W	Less than 60W
Comctn Wireless	IRDA Communication	
Comctn Wired	RS232 Communication	
Dimension / Weight	(W) 436 X (H)362 X (D)59.55mm / 5.5Kg	(W) 624 X (H) 431 X (D) 79mm / 9Kg
Remote Control	(W)69.5 X (H)235.5 X (D)26mm / 200g / Rechargeable Battery	
Data Interface	serial (RS-232)	
Standard Accessory	Wall Mount Bracket,	Wall Mount Bracket
Optional Accessory	Poll type Floor Stand, Red/Green Glasses, Pola Glasses	

Various System Placements and Accessory selectable

Desk Stand

Floor Stand

Wall Mounting Bracket

Red/Green Glasses   Polarizing Glasses