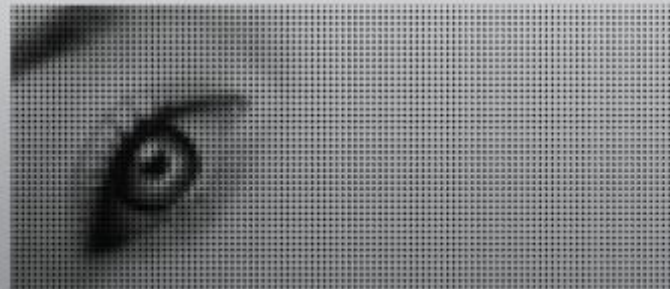


# Digital Visual Acuity Chart System

VLC - 1900(P) / 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

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**view**  
TECHNOLOGY

# Digital Visual Acuity Chart System VLC-1900(P) / 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 fan 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 or 0.5M step within 1.5M (Min) ~ 8.0M (Max)



### Networking Function

-VLC chart system communicates with compatible automatic phoropters

### Wired / Wireless Remote Control with LCD Window

-VLC chart system support 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

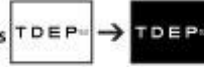
### SPECIFICATIONS

Model	VLC - 1900(P)	VLC - 2400(P)
LCD Type	19 inch (SXGA) TFT LCD	24 inch (WXGA) TFT LCD
Resolution	1280 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 <sup>2</sup> (S - Level variable)	Max 300 cd/m <sup>2</sup>
Chart Available	"Landolt, Snellen, English, Arabic, Numerical, Color Blindness, Special Charts, Image and ect."	
Selectable Distance	1.5 ~ 8M (0.25M step)	
Memory Type	SD Card	IDE type Flash Disk Module 4G
Power Supply	DC 12V / 5A	DC 12V / 6.66A
Power Consumption	40W	Less than 80W
Comctn	Wireless IRDA Communication	Wired RS232 Communication
Dimension / Weight	(W) 436 X (H) 362 X (D) 159.55mm / 5.5kg	(W) 621 X (H) 428 X (D) 176mm / 12kg
Remote Control	(W) 69.5 X (H) 235.5 X (D) 26mm / 200g / Rechargeable Battery	
Data Interface	USB	USB, RS-232
Standard Accessory	Wall Mount Bracket, Desk-top Stand	Wall Mount Bracket
Optional Accessory	Roll type Floor Stand, Red/Green Glasses, Pola Glasses	

### User friendly Function

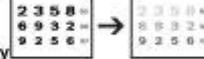
#### Black / White Reverse

-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 32 steps of R / G filter density that can be used in accordance with test circumstances



-All of Red/Green color charts can be reversed

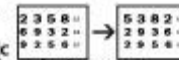
#### ETDRS Adjustment Function

-Position of opto-types of ETDRS-1 and ETDRS-2 can be changed by pushing a button 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 or 10 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-1900 P & VLC-2400 P

-Polarization of 19-inch & 24-inch full screen

-Optical polarization glass panel

-Precise eye exam available using special charts

### Various System Placements and Accessory selectable



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