

# PLC-8000



## **Smart Chart system with Full HD LCD**

- 23(Regular), 24 Inch (Polaroid) High resolution chart
- Full-HD TFT-LCD(1920x1080) panel / 16,7M Color 250cd/m<sup>2</sup>

## **Wide range of test**

High Resolution LCD enables wide range of test 0.05 ~ 2.0

## **Adjustable test distance**

Test distance is adjustable 1.0m ~ 6.0m by 0.1m

## **SMART intercommunication**

Support both interface RS-232(Wired), Bluetooth(Wireless) for the compatibility with PDR-7000

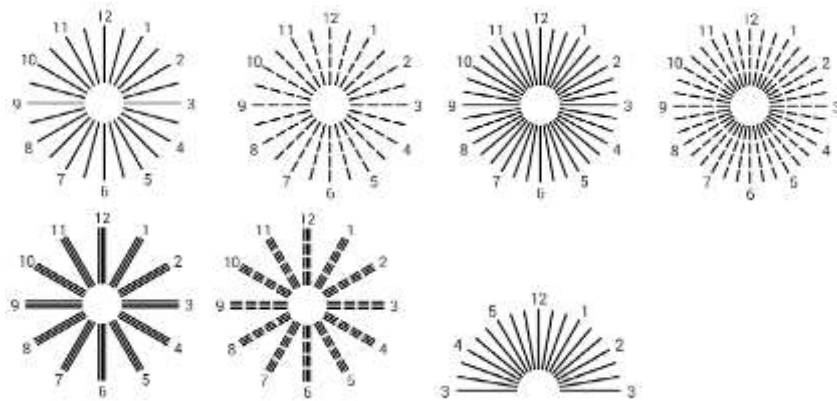
## **Basic test / User setting program**

Provide basic Program A and Program B which provides programmable 40 charts.

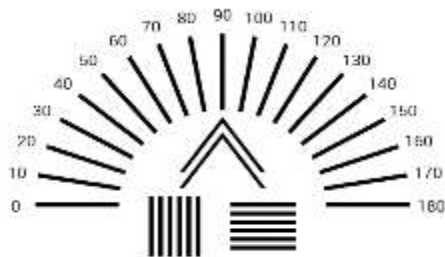
## **Enhanced R/G filter adjustment**

Broaden range of R/G adjustment up to 96 levels enables optometrist to optimize the screen to fit in well with environment for reliable binocular vision test.

**Diversified Astigmatism test chart (7types)**



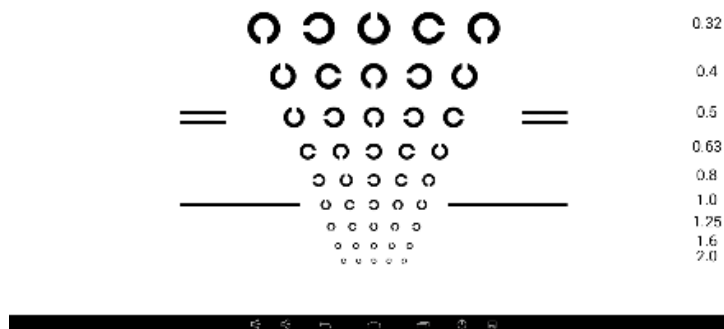
**Newly adopted Fan & Block Astigmatism test chart**



**Reverse mode for Lasik and Cataract surgical patients**



**Diversified ETDRS test chart**



EANPF	0.02
HRKVL	0.4
= DTZCA =	0.5
FVPNE	0.68
AKRHD	0.8
TEVFA	1.0
PDLZC	1.25
COPL	1.6
LPCAD	2.0



93824	0.02
52689	0.4
= 39452 =	0.5
68439	0.68
59698	0.8
38246	1.0
48884	1.25
48884	1.6
48884	2.0



### Enhanced Maddox rod test

Embedded Fixation Target Lamp for Maddox test provides 10 level of brightness



### Various color blindness test chart



### Amsler Vision test chart for Macular Degeneration



### Full-HD Video play

Playing cartoon film at High resolution helps you draw attentions from kids or infants that are easily distracted for intensive diagnose. Remote controller and USB port allows easy control and large size full HD video play via USB storage.

### User friendly functions

Contrast, Mirror, Mask.

### Customizable boot-up screen & slides(Up to 38 slides)

## SPECIFICATION

Test Distance	1.0~6.0m (Unit:0.1m)
Chart	Randolt Ring, Alphabet, Numerals, Snellen, Pictures, Mask (Vertical, Horizontal, Single letter), RG chart/ Polaroid chart (PLC-8000pola)), Color blind, Amsler Chart
Programmable chart	Up to 40 charts
Interface	USB(USB2.0), RS-232
Communication	Wired: RS-232 Wireless : Bluetooth
LCD	23 Inch Full-HD (Resolution : 1920x1080), PLC-8000 24 Inch Full-HD (Resolution : 1920x1080), PLC-8000pola
OS	Android 4.4.2
Storage	Micro SD Card(8G)
Speaker unit	1.5W
Video format	AVI, MPEG, MP4, MKV
Rated Voltage	AC100-240V, 50/60Hz
Power consumption	PLC-8000 : 45-55VA PLC-8000pola : 35-45VA
Volume (Dimension)	Body : 583(W) ´ 55(D) ´ 423(H) mm Remote controller : 64(W) ´ 196(D) ´ 20(H) mm
Weight	Body : 6 kg Wall Mount Bracket : 370g Remote control : 160 g (Battery included)
Environment conditions	(In use) Temperature : + 10°C ~ + 40°C Humidity : 30%RH ~ 85%RH Pressure : 700hPA ~ 1060hPA
	(In transport/storage) Temperature : -10°C ~ + 55°C Humidity : 10%RH ~ 90%RH Pressure : 600hPA



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