

Smart Chart system with Full HD LCD
 PLC-8000, PLC-8000pola



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 : 9.6kg, Wall MountBracket : 370g Remote control : 160g (Battery included)
Environment conditions	(In use) Temperature : +10 ~ +40 Humidity : 30%RH ~ 85%RH Pressure : 700hPA ~ 1060hPA
	(In transport/storage) Temperature : -10 ~ +55 Humidity : 10%RH ~ 90%RH Pressure : 600hPA

PT-0016613

*Designs and details can be changed without prior notice when its improvement.



MERCOFRAMES OPTICAL CORP

5555 Nw 74 Ave. Miami. Fl. 33166. 305-882-0120

sales@mercoframes.net www.mercoframes.net

POTEC

Make smart technology yours



**PLC-8000
 PLC-8000pola**

Smart Chart system with Full HD LCD



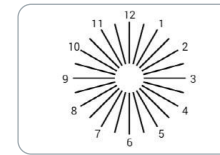
PLC-8000 PLC-8000pola

Smart Chart system with Full HD LCD

CONVENIENCE

- 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/m²
- 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 modified program
 - Provide basic Program A and Program B which provides programmable up to 40 steps.
- Enhanced R/G filter adjustment
 - Broaden range of R/G adjustment up to 96 steps enables optometrist to optimize the screen to fit in well with environment for reliable binocular vision test.
- Promotional Videos Play
 - During the power saving mode, the LCD backlight is turned off to minimize power consumption and the promotional videos for clinics and optical shops are playable on a LCD chart.
- User friendly functions
 - Contrast, Mirror, Mask.
- Customizable boot-up screen & slides
 - (Up to 38 slides)

OPTOMETRY



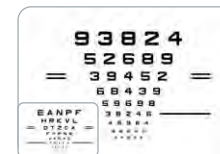
Diversified Astigmatism test chart
Expanded diagnose environments with various charts (7 types)



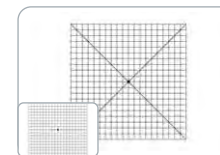
Astigmatism Fan & Block Charts
The addition of fan and block charts to general astigmatism test functions allows more accurate astigmatism test.



Reverse mode for Lasik and Cataract surgical patients



Diversified ETDRS test chart
Newly added letter & number based charts provide wide range of diagnose environments.



Amsler Vision test chart for Macular Degeneration

Enhanced Maddox rod test



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

Full-HD Video play



Playing cartoon film at High resolution helps you draw attention from kids or infants that are easily distracted for intensive diagnose. Play full HD video from USB flash drive and control by remote controller.

Various color blindness test chart

