

## Specification

### Measurement Range

Sphere:	-29.00D ~ +26.75D(standard mode) -19.00D ~ +16.75D(cross cylinder or prism check) Increments(0.25D/0.50D / 1.00D/3.00D)
Cylinder:	-8.75D~ +8.75D Increments (0.25D/1.00D)
Axis:	0~180° Increments (1°/5°/15°)
PD:	Far vision 48~80mm, near vision 48~76mm, increments 0.5mm near vision work distance: 35~70cm
Rotating prism:	0~20△ Increments (0.1△/0.5△/1△/2△)
Jackson cross cylinder:	±0.25D, ±0.50D
Double cross cylinder(split prism):	±0.25D
Spherical lenses for retinoscope:	+1.50D (at 67cm distance), +2.00D (at 50cm distance)

### Auxiliary Lenses

Pinhole plate:	Φ2mm
Maddox rod:	Right eye: red / horizontal, Left eye: red / vertical
Red/green filter:	Right eye: red; left eye: green
Linear polarizing filter:	Right eye: 135° / 45° Left eye: 45° / 135°
Circular polarizing filter:	Left eye / Right eye
Split prism:	Right eye (3△BU, 6△BU), Left eye (3△BD, 10△BI)
PD lens:	Binocular (cross)
Fixed cross cylinder lens:	±0.50D (axis fixed at 90°)

### Product Size

Phoropter Head:	376mm*297mm*95mm, 3.8Kg
Operation keyboard:	203mm*210mm*145mm
Power supply:	220V/50Hz, 90VA

Designs and specification can be changed without prior notice for the purpose of improvement.

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## THE ALL NEW

Wireless connection  
Computerized vision tester





## FASTER THAN EVER QUIETER THAN EVER

### THE ALL NEW CV-7800 Computerized Vision Tester

Thanks to the new generation electrical control system and motor drive control system, the CV-7800 has a wider measurement range and faster measurement speed than our previous products. It also helps reduce the machine working noise and unprecedentedly improve the overall machine performance.



### Super fast

Faster lens switching speed, making the startup initialization less than 7 seconds.



### Super quiet

The noise during lens switching is well controlled at a level that does not affect the measurement.



### Wireless connection

Wireless connections get rid of space restrictions and provide operators with more flexibility.





## Advanced technology

Brings better optometry experience to patients.



## Easy-to-operate layout

Concise and user-friendly interface is easy to operate and could help user read relevant information faster.



## Innovative 2 in 1 control mode

The wireless control of the tablet brings a flexible operation experience. At the same time, the innovative operation keyboard makes the control experience much more better, and improves the reliability and convenience of the operation.



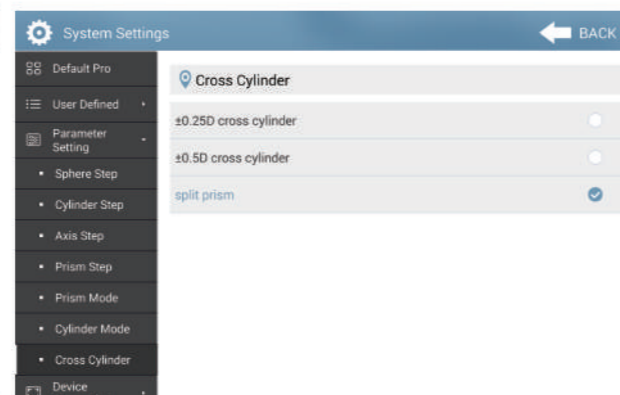
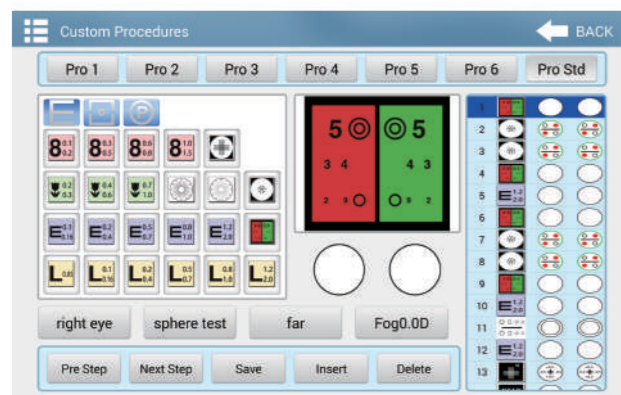
## Use a tablet alone

Choose this mode when we want to get rid of space restrictions and more flexible operation.



## Tablet combined with keyboard

In this mode, we can operate the machine in the traditional way, which is more suitable for sitting, with the built-in magnetic charging interface, tablets can keep the power sufficiently for long time.



### Pre-installed standard optometry program

The pre-installed standard optometry program can make the complex optometry easy, operator only needs to follow the steps of the program step by step.

### Your own optometry program

Up to 6 custom optometry programs can be set. A customized program enables each optometrist to operate according to their own habits.

### Equipped with split prism

By comparing the visuals in the same screen, it will be easier for customer to read and answer. The astigmatism axis and power can be obtained accurately and quickly.

### Efficient customer information management

The patient's current optometry data can be stored, and the historical optometry data can be quickly accessed.

## AN DURABLE PHOROPTER YOU CAN RELY ON



Benefit from i-optik technology improvements and long experience in this field, our test results show that CV-7800 can run stably more than 60000 times, which means we can rest assured that it can work 20 times a day, 300 days a year for 10 years, with the support of our quick response after-sales service.

## REFERENCE AND OPTIONS



**CV-7800**  
Computerized vision tester head  
APP for tablet (Android / iOS available)



**Operation Keyboard**  
Tablets of various sizes can be installed



**CM-1900P/CM-1900C**  
23-inch Chart Monitor  
Polarization function available (CM-1900P)



**Tablet (Optional)**  
Could purchase according to our recommended configuration



**CM-2200**  
Space saving chart



**Bluetooth portable printer**

## Wireless connection and transmission

