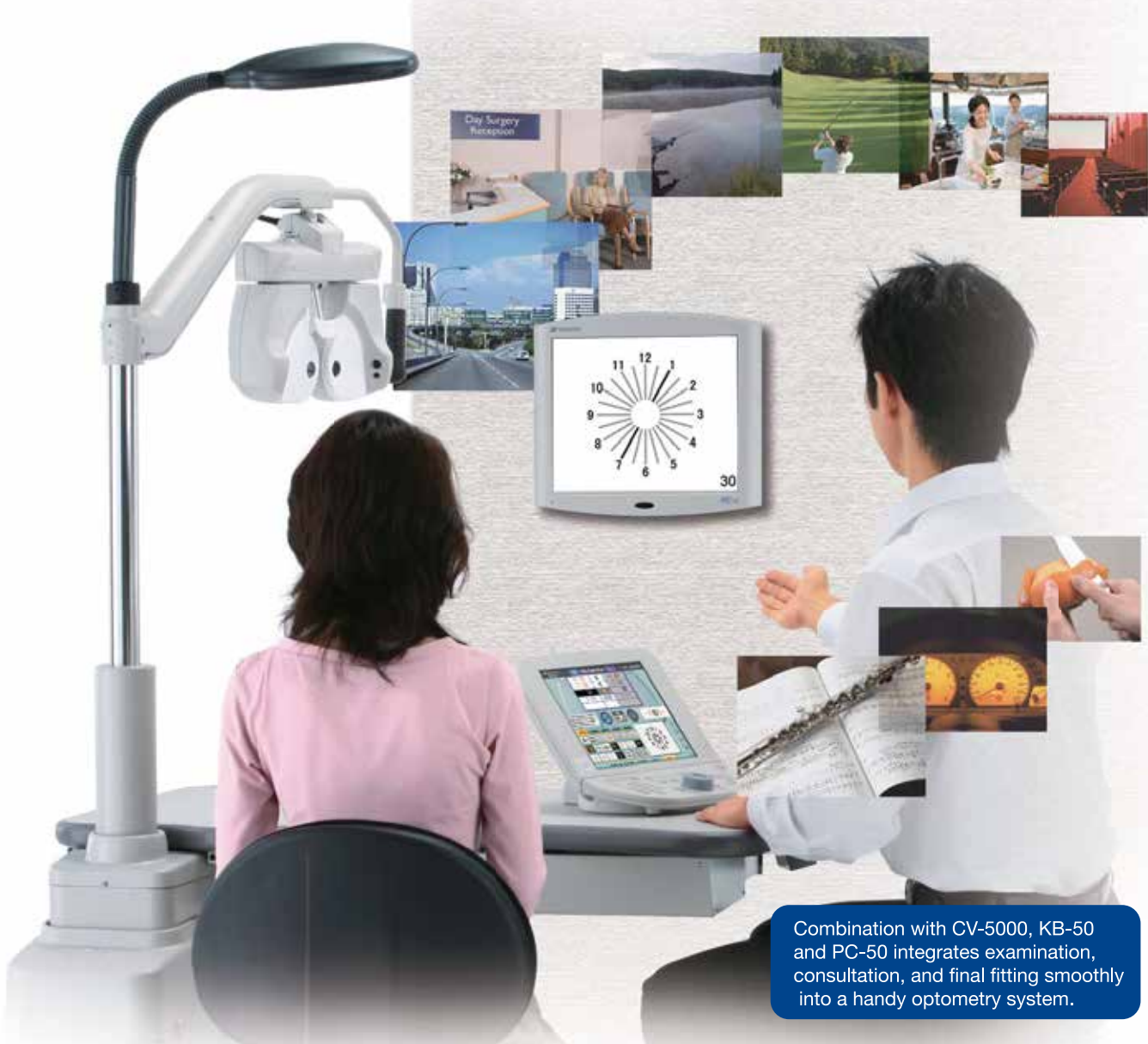


PixelChart PC-50



True Visual Acuity Testing System

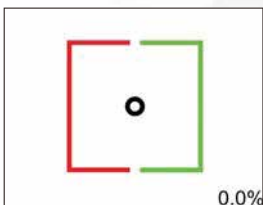
The advanced True Visual Acuity Testing System, PC-50 from TOPCON incorporates a high resolution (SXGA) 19"LCD that offers unsurpassed sharp and clear chart projection. The TOPCON PC-50 also features comprehensive range of optotypes and tests that are used by today's eyecare practitioners and ease of use is guaranteed by the clear layout of the remote controller.



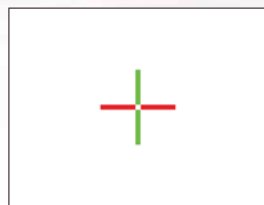
Combination with CV-5000, KB-50 and PC-50 integrates examination, consultation, and final fitting smoothly into a handy optometry system.

Active Charts

TOPCON's unique "Active charts" helps testing correct visual function in practical condition.



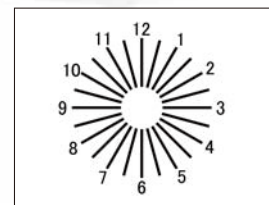
Coincidence Test (Aniseikonia Test)



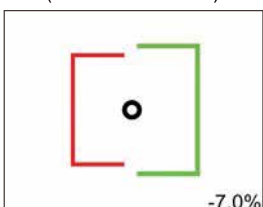
Phoria Test



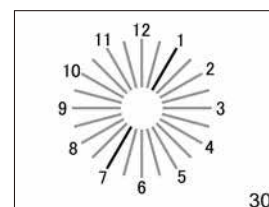
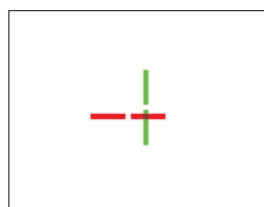
Phoria Test



Astigmatism Test



-7.0%













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Expanded Application of KB-50 for Your Daily Scene

Needless to say that the KB-50 functions as a remote controller for chart switching for visual acuity testing, it incorporates a new function for near view simulation.

Daily Scene

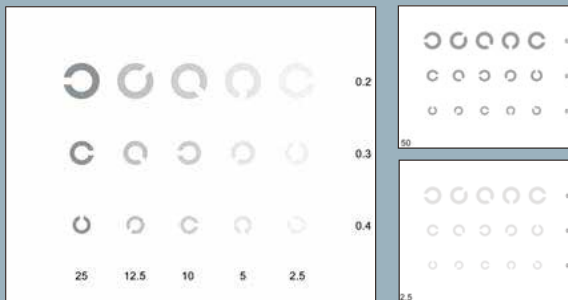
Various contents of daily scene are ready for near view with KB-50 and far view with PC-50. This combination is quite useful for checking the final prescription.

 <p>Far</p> <p>PC-50</p>	 <p>Golf</p>	 <p>Theater</p>	 <p>Shopping</p>	 <p>Travel</p>
 <p>Near</p> <p>KB-50</p>				

Comprehensive Range of Optotypes and Test for Today's Eyecare Practitioners !

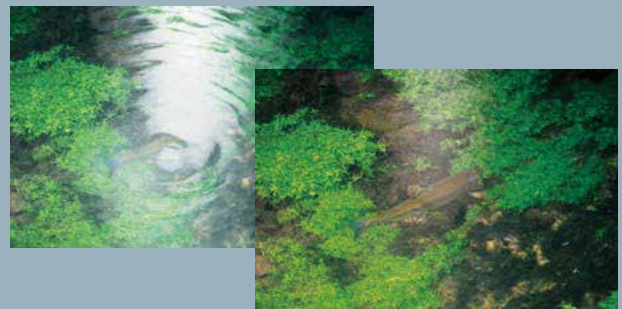
Contrast Test

helps to examine the contrast sensitivity with plural and singular frequency chart.



Polarization Image

assists explaining the effect of polarization glasses.



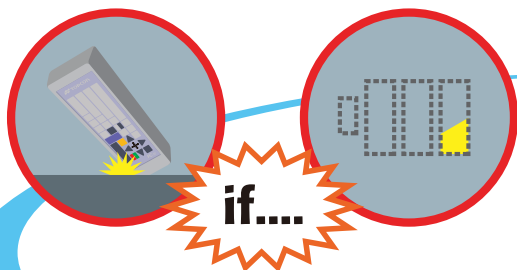
Playback Movie

Photos and short movie clips can be played on the LCD for greater patient comfort.



Low Maintenance

Changing the bulbs for the chart projector is a thing of the past. PC-50 can be used without worrying about the lifespan of the backlight.



if....

Reliable Risk Management

Even in case that remote controller/KB-50 does not work correctly or runs out of its battery during the examination, the PC-50 can be driven by buttons on the main body or by any USB mouse without suspending the test.

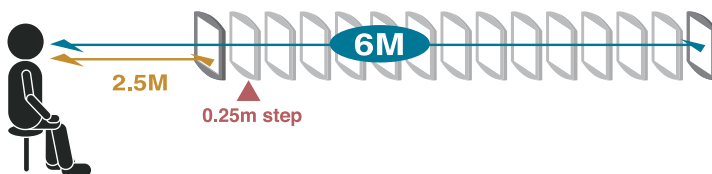


PIXEL CHART PC-50



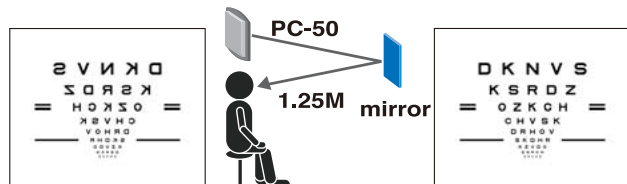
Selectable Testing Distance

Various testing distance are available to accommodate along the size of your refraction room. The chart size can be easily calibrated according to the testing distance selected. (5m is recommended)



Reversible Chart for Mirror System

If the installation distance is limited, the reversible chart and a mirror will cut the test distance by half.



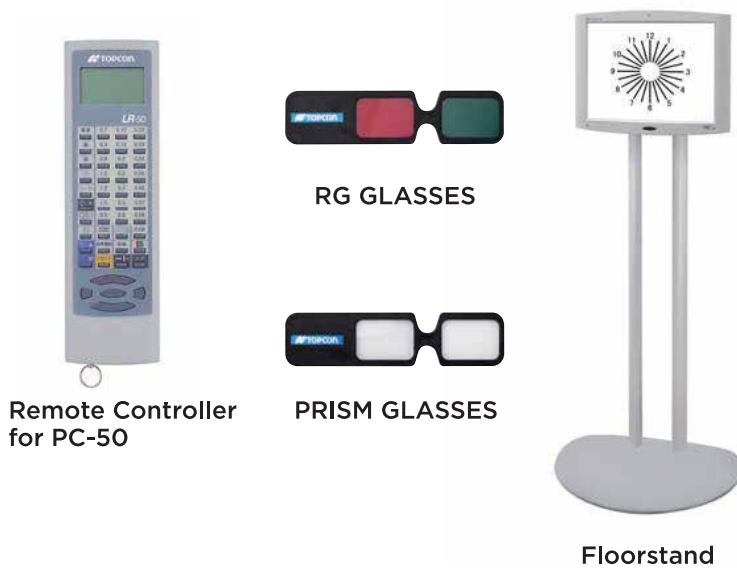
Minimal Design

The PC-50 is ready to be installed on the wall directly or on another mount / stand, in order to fit any design of refraction room.

(Please ask for details. A wall metal plate and fixingscrews are standard components.)



Optional Accessories



Remote Controller for PC-50

RG GLASSES

PRISM GLASSES

Floorstand

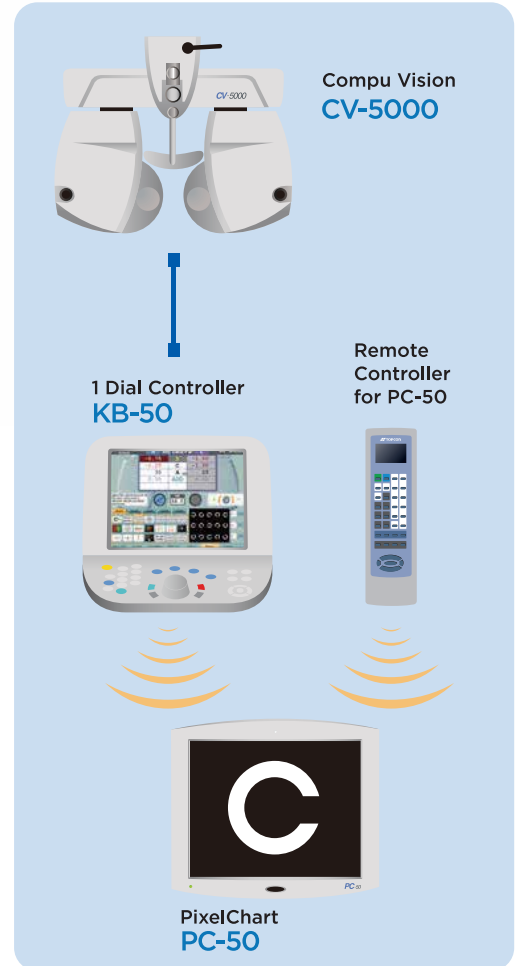
RS-232C Interface Cable(for PC-50 & KB-50)

Specifications

Test distance		Standard 5m (2.5m-6m by 25cm steps)
Test Chart	Optometry	Landolt ring, numerals, alphabets, tumbling E, pictures, screening
	Visual function	Red / green test, astigmatism, heterophoria, stereoscopic vision, coincidence (aniseikonia), binocular vision.
Dimensions		460mm(W) x 65mm(D) x 392mm(H)
Power supply		AC100-120V / 220-240V
		50-60Hz
Weight		7.5kg

Wireless Interface

The PC-50 can be interfaced to TOPCON CV-5000 seamlessly.
(the optional accessory: IR emitter is necessary.)



IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation. Not all products, services, or offers are available in all markets. Contact your local distributor for country-specific information and availability.

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