

Compu vision / 1 Dial controller CV-5000 / KB-50

NEW



CONNECTING VISIONS

The new quality standard from Topcon...

Topcon's new CV-5000 automatic phoropter head sets new quality standards. Fast lens rotation provides comfort for user and patient. Compact and contemporary design enhances the professional image of your practice.



- Compact design
- Fast lens rotation
- Comfortable operation
- Near chart illumination

Features

Compu vision CV-5000

Compact, open and contemporary design

A 50% volume reduction compared to previous models allows the operator to monitor the patient's expression during the refraction.

The contemporary design is appealing to both users and patients and emphasizes the professionalism of the user.



High speed lens disc rotation

Efficient lens disc rotation reduces ocular stress as well as confusion for the patient and the refraction time is reduced. The lens disc rotation speed has been increased 50% compared to previous models.



Illumination comes standard

Four LEDs provide bright illumination of the near test chart. The use of external illumination is no longer required.



Tilting function for near vision tests

To provide a natural reading position during the near tests, the CV-5000 head can be tilted. The tilting angle can be fixed in a wide range of angles.

Features



Enhanced patient care

CV-5000 / KB-50 provides unique features to assist patient consultation.



1 Dial controller KB-50

Large 10.4 inch color LCD touch screen

The worlds largest touch screen provides clear display of examination data. User friendliness has improved dramatically compared to previous models. The highest operation comfort level is achieved by using this large and clear screen.



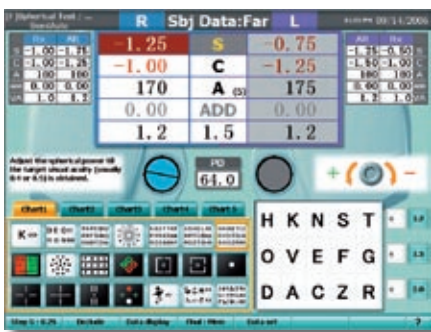
Multiple "HELP" function

By just the touch of a button the HELP display is activated. HELP provides useful information on the selected test. A simplified (short text) or an advanced (longer text) HELP display can be selected.



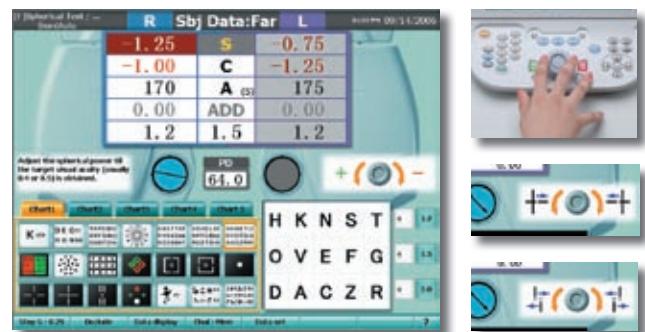
Easy-to-understand layout

The newly designed user interface offers the best in user friendliness. All relevant data can be viewed at a glance. The display layout can be modified to the users preference.



Dial navigation function

On request the dial navigation function is available. Dial navigation indicates the rotation direction of the 1-dial according to the responses of the patient. Comfort at its best!

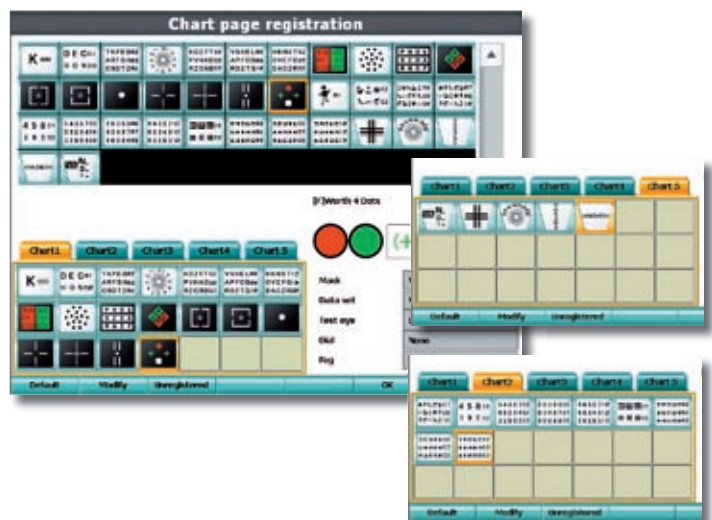


Your own chart pages

Chart selection is operated through five tab pages in the touch panel. Next to the conventional charts for Topcon chart projectors, the defined charts can be implemented. The layout of the five tab pages can be defined by the user.

Other beneficial features

Reduced number of operation buttons on the KB-50 improves the ease-of-use. Performs complete optometric extension program - American 21 step routine.



Features

Sales support function

KB-50 provides a sales support function, through which the operator can advise the customer which type of lens is most beneficial to fulfill their needs. Clear images display the view

for different lens types, like: single vision, mid range progressive and full range progressive lenses. Lens type selection is made easier and more time saving.

Visual field with Progressive lenses



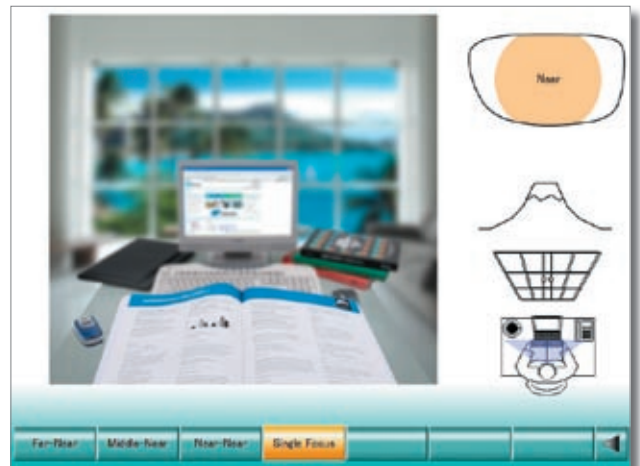
Far-near



Middle-near



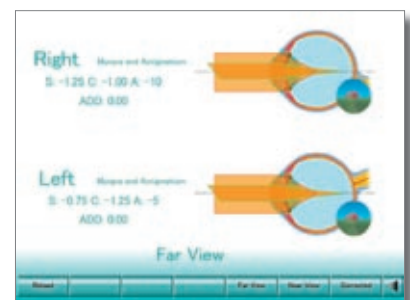
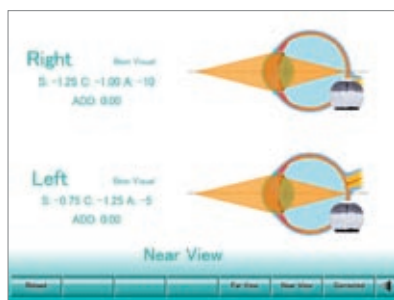
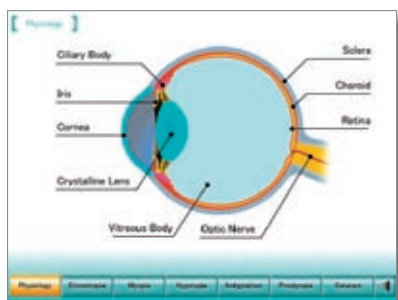
Near-near



Single focus

Customer information

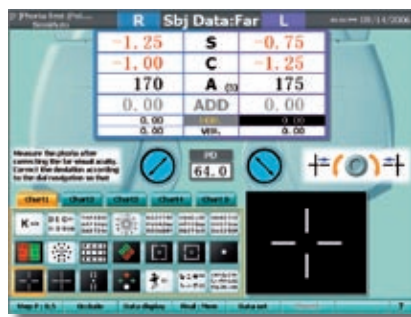
Customers like to know the status of their eyes and why they need corrections. The animated customer information provides clear imagination to a customer.



CV-5000PC operating software

CV-5000PC can control the CV-5000 head by the use of a mouse. The layout of the user interface ensures a very good overview of the refraction data. A dedicated control window provides the ultimate ease-of-use. A unique operating system allowing the operator to use his own PC hardware.

- User friendly interface
- Mouse operated
- Dedicated Control Window
- Ease-of-use



Integration in IMAGEnet i-base

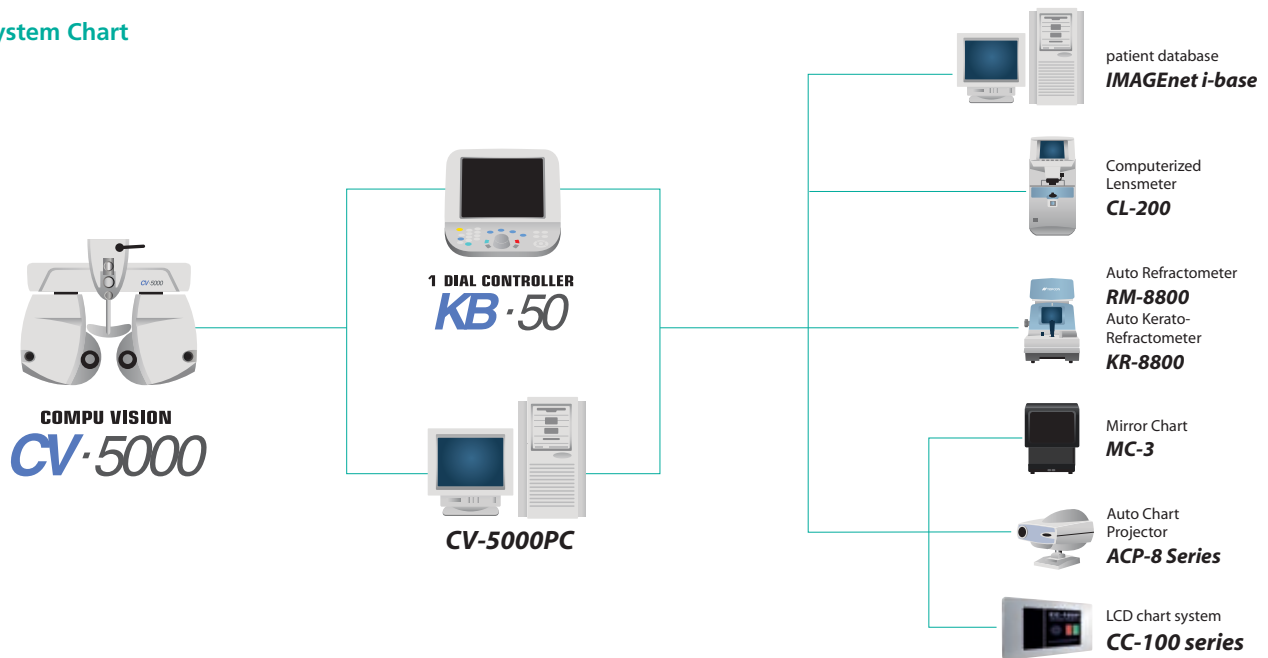
The CV-5000 / KB-50 software integrates with the IMAGEnet i-base software system. Subjective, objective and lensmeter data can be transferred from the CV-5000 system to IMAGEnet i-base™ and assigned to a patient. As the communication is bi-directional IMAGEnet i-base™ can transfer objective, old glasses and lensmeter data to the CV-5000 system as a starting point for subjective refraction.



Specifications

Range of Measurement	Sphere -27.00D ~ +27.00D (0.25D / 3.00D step) Cylinder -8.00D ~ +8.00 (0.25D / 0.50D step) Axis of astigmatism 0° ~ 180° (1° / 5° step)
Prism	0 ~ 20Δ (0.1Δ / 0.5Δ / 1.0Δ)
Near distance examination	Optical axis of both lenses converge mechanically at 40cm / 67cm in front of eyes.
Binocular balance test	Rotary prism, R&G filter and polarizing lens methods are available.
Cross cylinder	Jackson cylinder ±0.25D or ±0.50D Topcon cylinder ±0.25D
PD	48mm ~ 80mm (0.5mm / 1.0mm step)
Visual field	35°
Corneal alignment	2.00mm / 13.75mm / 16.00mm / 18.00mm / 20.00mm CV-5000 Max. 328(W) x 261(H) x 115(D) mm, 4.0Kg
Dimensions and weight	KB-50 Max. 300(W) x 255(H) x 203(D) mm, 2.8Kg Power Supply 280(W) x 120(H) x 135(D) mm, 5.0Kg

System Chart



* Subject to change in design and/or specifications without advanced notice.

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

Topcon Europe Medical B.V.
Essebaan 11; 2908 LJ Capelle a/d IJssel; P.O. Box 145;
2900 AC Capelle a/d IJssel; The Netherlands
Phone: (+31) 10 4585077; Fax: (+31) 10 4585045
E-mail: medical@topcon.nl; www.topcon.eu

Topcon Deutschland GmbH
Giesslerallee 31; D-47877 Willich, Germany
Phone: (+49) 2154 885 0; Fax: (+49) 2154 885 177
E-mail: info@topcon.de; www.topcon.de

Topcon Scandinavia A.B.
Neongatan 2; P.O. Box 25; 43151 Mölndal, Sweden
Phone: (+46) 31 7109200; Fax: (+46) 31 7109249
E-mail: medical@topcon.se; www.topcon.se

Topcon Danmark
Praestemarksvej 25; 4000 Roskilde, Danmark
Phone: (+45) 45 327500; Fax: (+45) 46 327555
E-mail: topcon@topcondanmark.dk
www.topcondanmark.dk

Topcon España S.A.
HEAD OFFICE; Frederic Mompou, 5; 08960 Sant Just
Desvern; Barcelona, Spain
Phone: (+34) 93 4734057; Fax: (+34) 93 4191532
E-mail: medica@topcon.es; www.topcon.es

Topcon S.A.R.L.
HEAD OFFICE; 89, rue de Paris; 92585 Clichy, France
Phone: (+33) 1 41069494; Fax: (+33) 1 47390251
E-mail: topcon@topcon.fr; www.topcon.fr

Topcon Italy
Viale dell' Industria 60; 20037 PADERNO DUGNANO;
(MI) ITALY
Phone: (+39) 02 9186671; Fax: (+39) 02 91081091
E-mail: topconitaly@tiscali.it; www.topcon.it

Topcon (Great Britain) Ltd.
Topcon House; Kennet Side; Bone Lane; Newbury
Berkshire RG14 5PX; United Kingdom
Phone: (+44) 1635 551120; Fax: (+44) 1635 551170
E-mail: info@topcon.co.uk; www.topcon.co.uk

Topcon Ireland
Unit 69, Western Parkway; Business Centre
Lower Ballymount Road; Dublin 12
Phone: (+353) 1460 0021; Fax: (+353) 1460 0129
E-mail: topcon@indigo.ie

