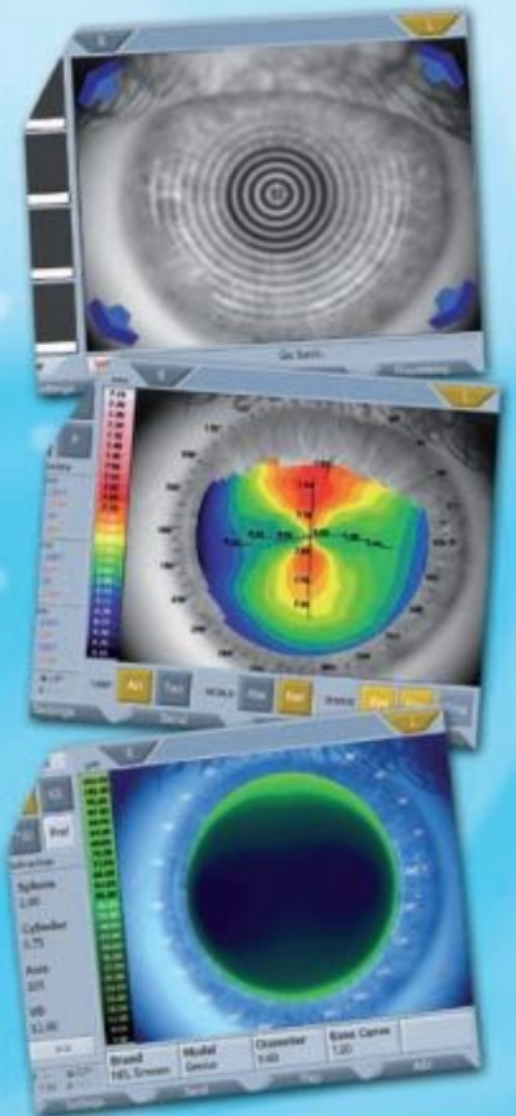


Corneal Analyser CA-200

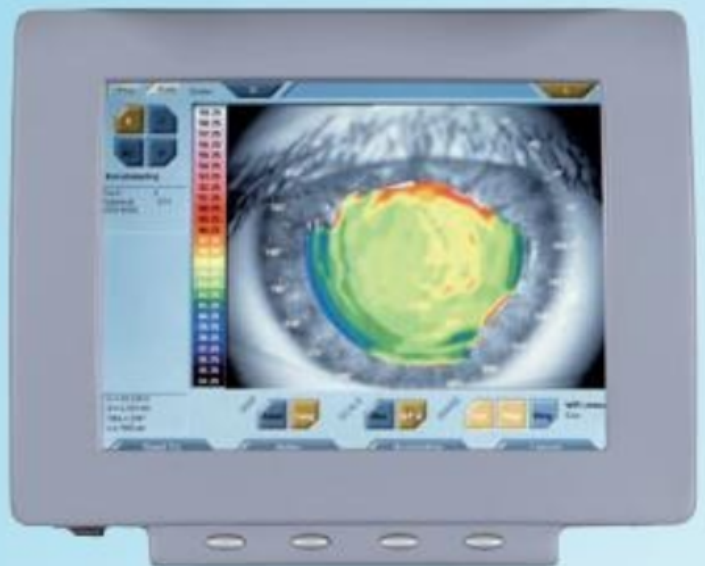


CONNECTING VISIONS

A unique development in corneal topography systems

Corneal analyser CA-200

Topcon has proven to be one of the major players in corneal topography over the last years. The knowledge gathered over these years now results in the launch of the unique CA-200 corneal analyzer. User friendliness and ease of use were the key issues for the development of the CA-200. Topcon CA-200 can be operated as a stand alone unit without the need for a PC; the instrument has onboard a state of the art PC and an 8 inch LCD touch screen. As an option additional software modules are available. For onboard; contact lens fitting software. For an external PC; contactlens fitting and Zernike analysis and network software. To emphasize the user friendliness the CA-200 is provided with WIFI for communication with an external PC.



Compact and contemporary design

The design of the CA-200 is modern and stylish, providing the user with a professional image towards patients.

The large cone with 24 rings guarantees a working distance that does not interfere with patient's circle of intimacy.

CA-200 Features

- Stand alone instrument
- Built in PC with 8 inch touch screen
- Easy operation
- Automatic best image selector
- Automatic pupil recognition
- WiFi connection built in
- Optional software modules available



Easy operation

CA-200 can easily be operated by the touch screen. Acquisition is fast and easy to perform. Clear arrows indicate the direction in which the CA-200 head must be moved. The full corneal analysis contains valuable information on the condition of the patient's eye. Several graphs can be displayed and evaluated by the operator.

Stand alone instrument

CA-200 can work stand alone and does not need any external PC as a PC with Windows XP embedded is built in.

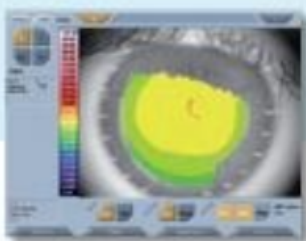
Built in PC with 8 inch touch screen

The built in PC with touch screen makes acquisition, operation and evaluation of the cornea images very easy.

The PC allows quick processing of the acquisition. On the built in touch screen the corneal map can be displayed or when the onboard Contact Lens software is activated the contact lens fitting can be simulated.

WiFi connection built in

To enable communication with an external PC and / or printer CA-200 is equipped with WiFi connection. No cables are required to communicate with an external PC or printer.



Automatic best acquisition selection

From the acquisitions taken from an eye CA-200 automatically selects the best focused image. No interference of the user is required to select the best acquisition.

Automatic pupil recognition

During every single measurement the diameter of the pupil is automatically determined, providing important information for contactlens fitting.

Optional software modules

To expand the functionality of CA-200 optional software modules are available.

- On board Contactlens fitting software
- External PC Basic software
- External PC Advanced software
 - This software incorporates contactlens fitting software and Zernike analysis software
- Network viewer software

By using an external PC the CA-200 database becomes available

Specifications

Topographic cone	24 rings on a 43D cone
Measured points	More than 10.000
Analyzed points	More than 100.000
Corneal coverage	From 0.3 to 10.5 mm
Dioptre range	From 1 to 120 D
Working distance	80 mm
Resolution	+/- 0.01;1 micron
Accuracy	Axial 0.03 mm
Focusing system	Auto focus and auto alignment

Accessories

- Base plate with chin rest
- Base plate without chin rest
- Onboard contactlens fitting software
- External basic software
- External advanced software
- Network software
- Ask your local Topcon dealer for your best configuration
- Contactlens holder



IMPORTANT

Subject to change in design and/or specifications without advanced notice.
In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

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