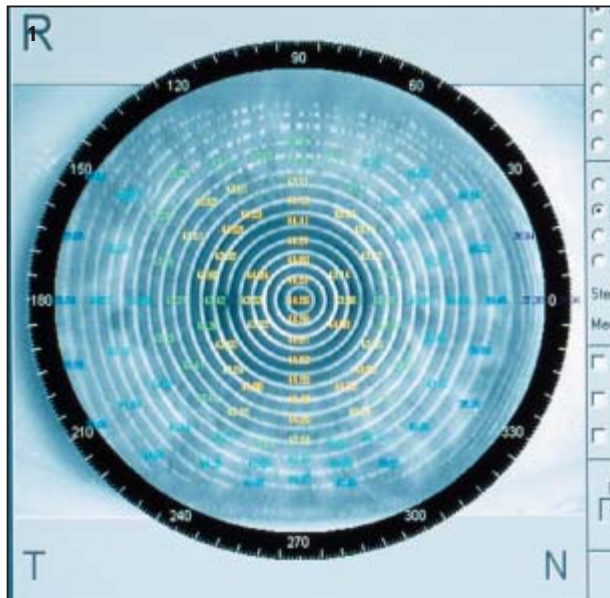


Topography System
by Rodenstock Instruments
TS 1200



1 Measured cornea

Topography system TS 1200

High-resolution corneal topography and contact lens simulation

Professional corneal assessments.

Cornea measuring has always been the traditional domain of Rodenstock Instruments. The Rodenstock Instruments Topography System TS 1200 features a new, faster and more precise possibility for corneal measurement.

Easy to operate.

The system is aligned with the client's eye and the measuring system automatically focuses and takes pictures of the cornea. The intelligent and easy to operate software enables lens geometries to be measured within a very short time. The client and examination findings database can be used to document all follow-up examinations of each client and can be used to make comparisons by calling up similar, previously recorded findings.

Individual system integration.

The elegant and compact casing allows for a range of installation solutions - whether used as a stand-alone unit on top of a separate instrument table or in conjunction with a slit lamp on an examination unit. The Topography System TS 1200 requires little space – hence giving you more space for additional instruments.

Satisfied contact lens wearers.

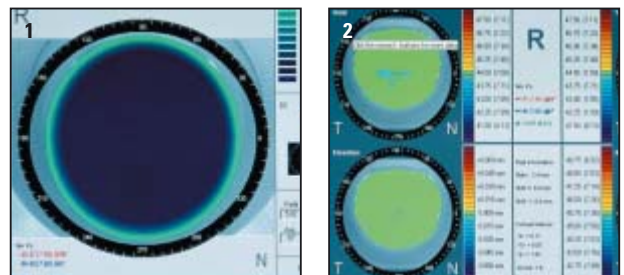
Using the Topography System TS 1200 shortens the "trial" period and enables you to achieve excellent results at the first lens fitting. The software supports the contact lens fitting process by suggesting spherical and toric lenses and by simulating the movement of the lens during blinking. The TS 1200 helps you to satisfy patients by ensuring that their lenses are comfortable to wear right from the start. TS 1200 measurement results ensure perfect contact lens fits and optimum imaging conditions.

Software support for contact lens consultations.

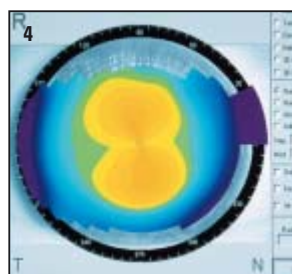
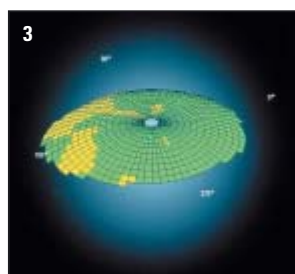
Topographic data analyses are a valuable aid when advising customers. Thanks to the efficient 3D images and cornea animations, even laypersons are able to gain an understanding of the complex geometry of the cornea, and the necessity of individually produced lenses can be efficiently explained by means of the topographic cards.

System features

- > Non-contact measurement
- > Short measuring times – high-level of reproducibility
- > Automatic pupil detection
- > Eye and ring image
- > Contact lens fitting software with simulation of the fluoroscopic image
- > Suggests spherical, toric, aspherical and atoric lenses
- > Simulates the movement of the lens during blinking
- > Axial, tangential and contact lens display
- > Height display
- > Difference display
- > 3D cornea display and 3D cornea reconstruction
- > Cornea profile
- > Topography and lens fitting simulation report printouts
- > Backup function



1-4 Mapping with TS 1200



Technical data:

Measuring area	10.6 mm; in 43 dioptres spherical
Measuring range	9 - 99 dioptres
Precision	±0,12 dioptres
Reproducibility	±0,12 dioptres
Ring arrangements	Placido head with 20 rings
Measuring points	6344 (1 ^o -stages)
Measuring beam	1 focusing laser, class II (670 nm)

Dimensions and weight

Height	460 mm
Width	320 mm
Depth	330 mm
Weight	ca. 1,8 kg
Supply voltage	220~240 V 50 Hz
Power consumption	30 VA

Subject to changes within the scope of technical development.

Minimum PC requirements

- > Pentium III 700 MHz
- > RAM 64 MB
- > Hard Disk 20 GB
- > USB 2.0 interface or
- > Slot for PCI Grabber Card
- > Windows XP operating system
- > CD-ROM drive
- > VGA graphics card 800x600 pixel and 256 colours

For further information on
the TS 1200 and Rodenstock
Instruments please call us.
We will inform you.

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