OCULUS
EASYGRAPH

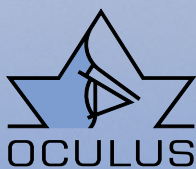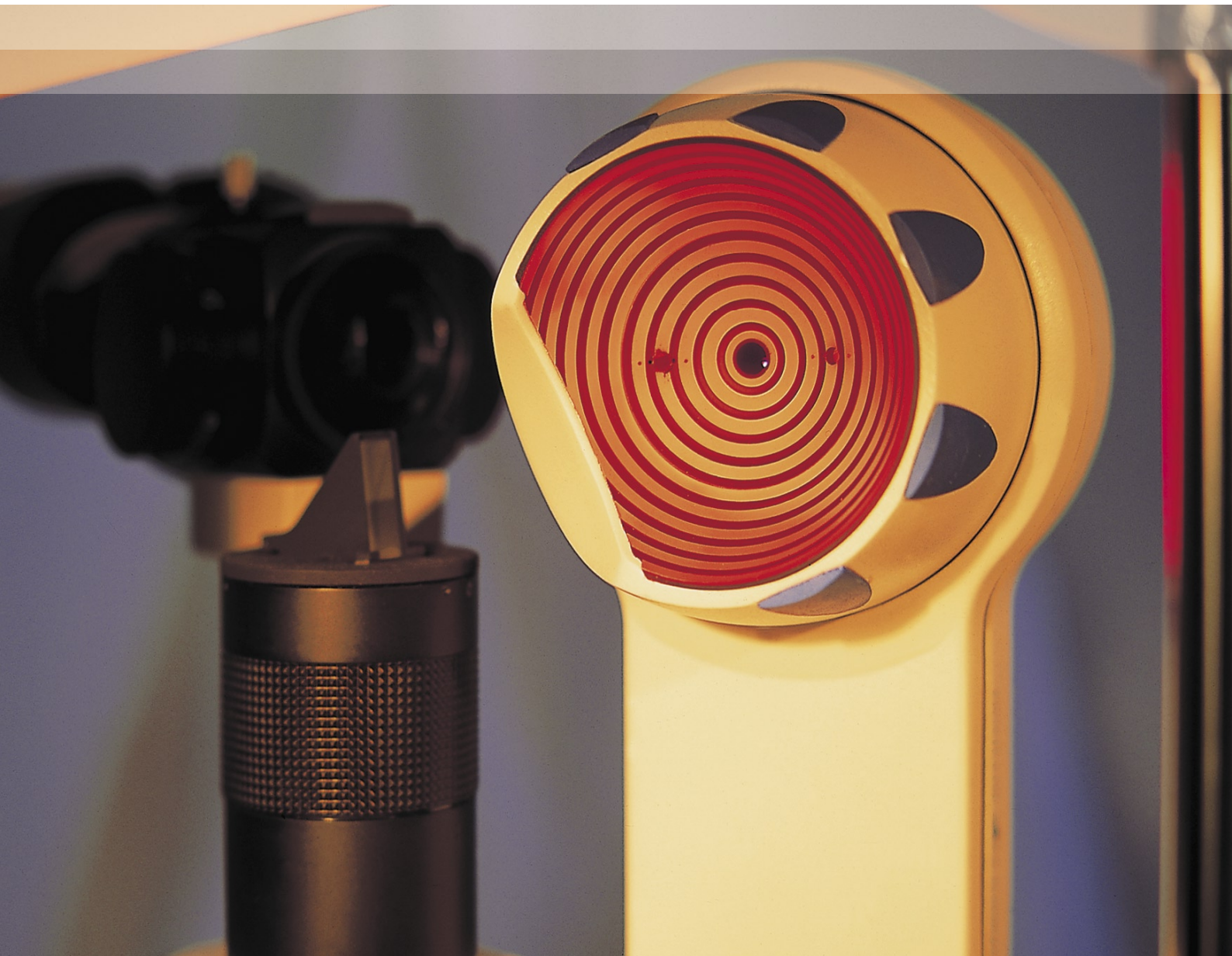## OCULUS
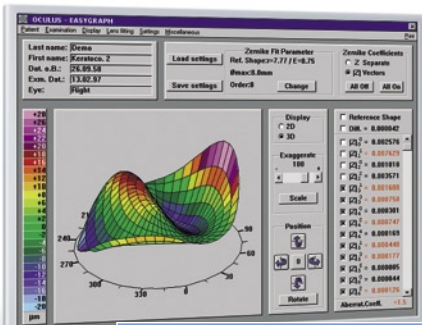## We focus on progress

OCULUS EASYGRAPH

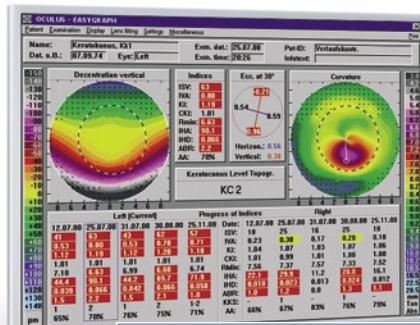## Topography in its most compact kind

The compact corneal Topographer

- Combination of Corneal Topographer and built-in Keratometer
- Proven measuring system
  (same technology as popular Keratograph)
- Easy to mount on a slitlamp, ultra compact, easy to remove
- Easy to operate because of 3D-alignment and auto-release
- Extremely high resolution and digital image transmission
- Comfortable working distance reduces the influence of positioning tolerances
- Short measuring time – fraction of a second, high reproducibility
- Non-contact measuring at a hygienic working distance
- Easy to use because of sophisticated user surface in Windows™ environment
- Easy to connect to PC via USB-Interface
- Easy to run because of network-capable software
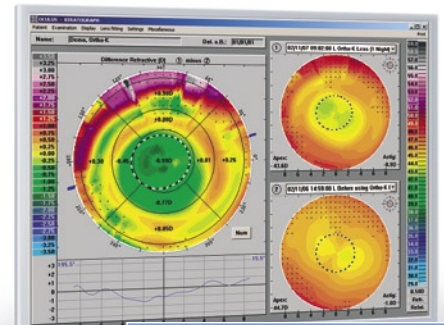- Easy transfer of patients' data

Zernike Analysis

Keratoconus Detection and Indices

Ortho-K and Refractive Module

Tool for refractive surgery

- Height map allows individual selection of reference body
- Refractive map shows the influence of spherical aberrations
- Vertex power calculation module to adjust refractive power

Optional:

- Zernike analysis module, mathematical explanation of higher order aberrations
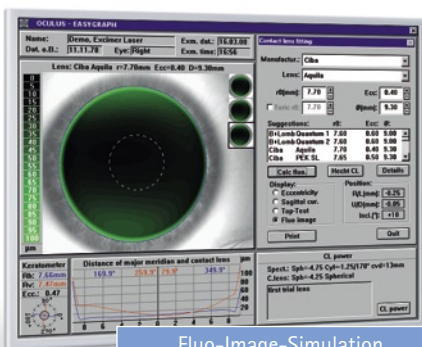- Keratoconus screening and indices software

Tools for lens fitting

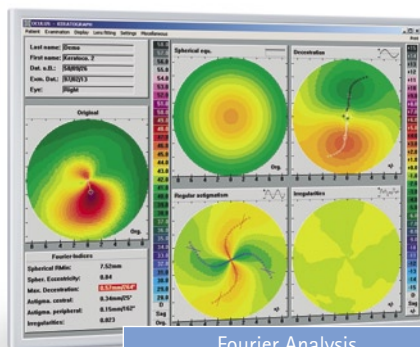### Ortho-K and refractive modules

- Objective progression control
- Real area refractive power
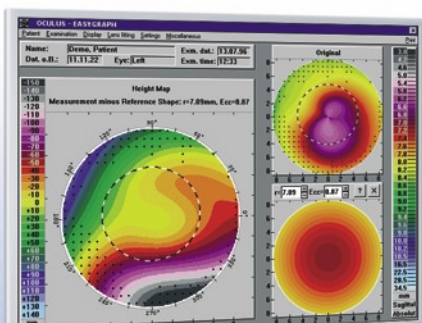
Optional: Contact lens fitting

- Pre-programmed and expandable database of contact lenses
- Contact lenses can be customized by choosing the mathematically ideal lens and its parameters
- Fluorescein image simulation
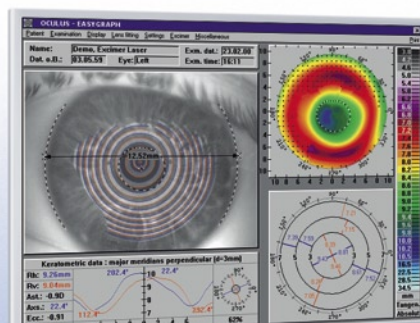- Reduced chair time – increased patient satisfaction
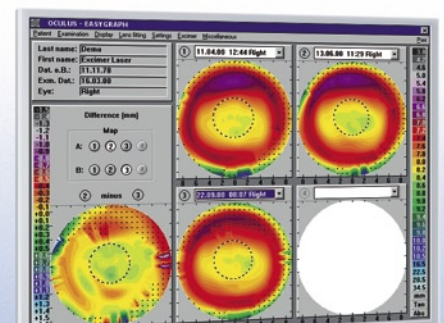

Fluo-Image-Simulation
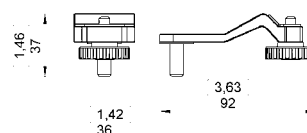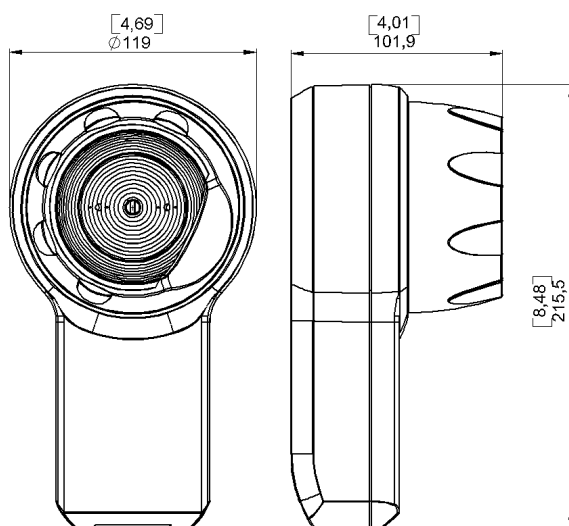

Fourier Analysis

Height Map

Overview Screen

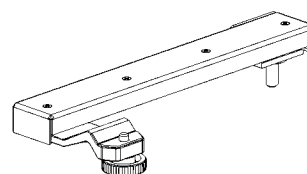Comparison of Different Examinations

Technical Data – EASYGRAPH

Measurement range	3–38 mm, 9–99 D
Accuracy	± 0.2 D
Reproducibility	± 0.2 D
No. of rings	22
Working distance	1.6" *(40 mm)*
No. of test points	22,000
Dimensions:HxDxW	8.4" x 4.1" x 4.6" *(214 x 103 x 116 mm)*
Weight (measuring unit)	1lb 6oz *(630 g)*
Power supply unit	Input: 100-240 V Output: 5 V / 1 A
Minimum PC requirements	Pentium 233, Windows 98SE or above, 16MB RAM, VGA 800x600 graphic card at least 256 colors, USB-port.

CE According to Medical Device Directive 93/42/EEC

→ *Standard: slitlamp adapter*

→ *Optional: sliding holder*