



# COSTRUZIONE STRUMENTI OFTALMICI

## Corneal Topographer

TOPOGRAFIA CORNEALE SENZA COMPROMESSI

# MODì 02



*Integrated corneal topographer  
suitable for:*

- Corneal topography
- Pupillography
- Contact lens autofit



COSTRUZIONE STRUMENTI OFTALMICI

# SOFTWARE

## SOFTWARE

The software included is very comprehensive and easy to use and it permits to investigate all the morphological and refractive aspects of the cornea.

It is available in two versions:

- Phoenix for Modi LITE version developed for who does not use advanced topography functions.
- Phoenix for Modi FULL version that adds to the LITE features all the advanced features for refractive and altimetric measurement of the cornea. With the FULL version it's possible to add the pupillography module for the evaluation of the pupil diameter in controlled light conditions.

Function	Vers. LITE	Vers. FULL
Best focus algorithm for the acquisition of the correct distance keratotomy	x	x
Sagittal, tangential and gaussian curvature maps	x	x
SimK, meridians, hemimeridians and peripheral degrees	x	x
HVID and pupil decentration	x	x
Keratoconus screening	x	x
Map comparison (up to four acquisitions)	x	x
Elevation and refractive maps		x
Keratometric indices		x
Differential (up to 3 acquisitions)		x
Advanced altimetry		x
Zernike altimetry		x
Corneal aberration summary		x
Contact lenses autofit	x	x
Video keratotomy for the break-up time	x	x
Scotopic, Photopic and Dynamic Pupillography		X (OPTIONAL)

The new **Modi 02** Topographer is designed and developed using the latest technology for corneal topography.

Thanks to its compact and ergonomic design and to its superior reliability and usability the Modi 02 is a high end instrument for diagnostic and contact lens fit.

The device is powered by connecting to the Firewire port and its installation is easy and immediate. With its compact design the Modi 02 can be set to use also in very small spaces.

# MODI 02



## TECHNICAL CHARACTERISTICS

Placido disk: 24 rings  
Working distance: 56 mm  
Connection type: Firewire  
Measured points: 6144  
Relativ precision and repeatability error  
 $\pm 5 \times 10^{-3} D$   
Power supply: by Firewire port



## MINIMUM HARDWARE AND SOFTWARE REQUIREMENTS

PC Desktop: Processor Intel Pentium Dual Core - 1 GB RAM (2 GB suggested for Windows Vista and Windows 7) - Firewire board OHCI 1.1 compatible - Video board 256 MB RAM (dedicated) resolution 1024 x 768 pixels

Notebook: Processor Intel Pentium dual Core - 1 GB RAM (2 GB suggested for Windows Vista and Windows 7) - Firewire board OHCI 1.1 compatible or PCMCIA card with external power 12V, 1.5 A. - Video board 256 MB RAM dedicated and resolution 1024 x 768 pixels

Software: Operative system Microsoft Windows XP Professional (Service Pack 3), Windows Vista 32/64 bit Home premium, Windows 7 – 32 and 64 bit (for Phoenix v. 2.5).

