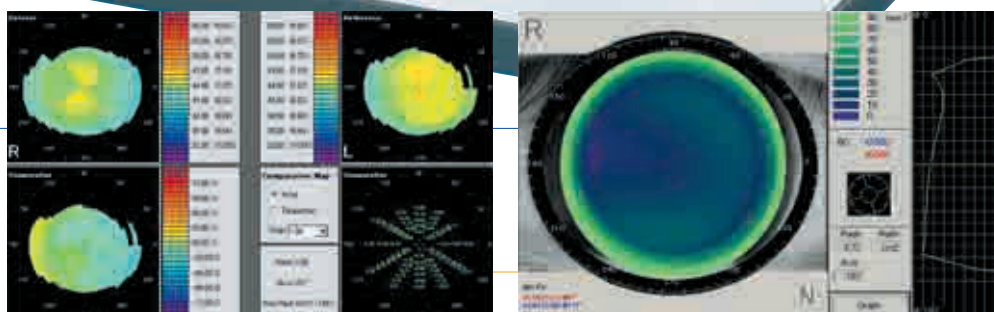


SHIN-NIPPON

Corneal Topographer

CT-1000

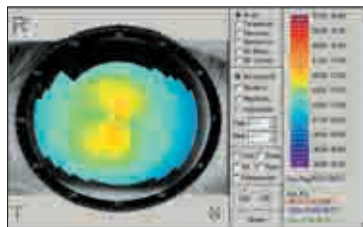
CORNEAL TOPOGRAPHER CT-1000





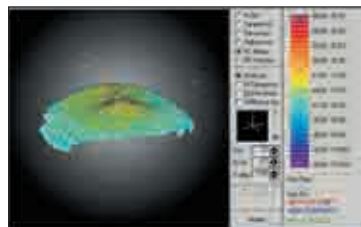
Measuring image

- * Placido head 20 rings and 6292 measuring points.
- * Maximum measuring area 10.6mm in 43Dipter.



Corneal Maps

- * Axial, tangential, elevation and refractive in normalized, absolute, numeric and adjustable scales.
- * Also add layers(grid,rings, keratometric and pupil)and interpolation.



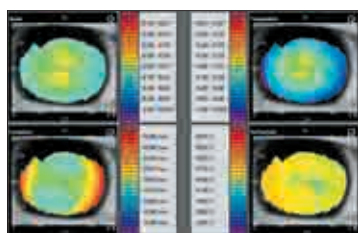
3D Maps

- * 3D corneal maps and 3D corneal indexes
- * You can change the perspective angle by dragging the mouse both vertically and horizontally.



Corneal Profiles

- * Corneal profiles and Corneal structure.



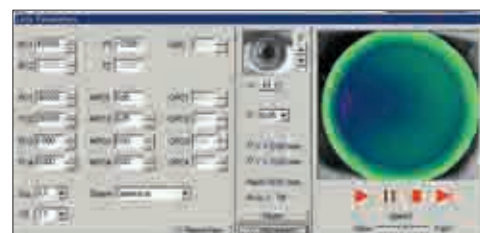
Multiple Maps

- * 4 different corneal maps are available.



Full database

- * CT-1000 allows classifying the records of the patient's in-group mode. This is convenient to have classified the information either for pathology or for the topographer's operator, or the best way that you consider.



Contact lens tools

- * You can obtain a suggested lens and see the movement of the lens on the eye while blinking.

SPECIFICATIONS	
GENERAL	
Measuring area	10.6mm in 43D
Measuring range	9-99D.
Accuracy	±0.125D
Ring arrangements	Placido head 20 rings
Measuring points	6292
Alignment device	LCD Monitor
Alignment beam	1 Focusing LASER, CLASS I (670nm)
BASE	
Longitudinal	50mm
Lateral	100mm
Vertical	30mm
Chin rest vertical	78mm
MINIMUM REQUIREMENTS FOR PC	
Computer	PENTIUM III 700MHZ
OS	WINDOWS 95,98,ME,XP
RAM:	64MB
Ports	Parallel
Slots	PCI
PHYSICAL AND ELECTRICAL	
Dimension	460 (H) × 320 (W) × 330 (D)mm
Voltage	AC 100~120, 220~240V, 50/60HZ
Consumption	30VA



Corneal Indexes

- * This window shows different corneal indexes, like eccentricity, asphericity and shape factor. Also include the KISA% index algorithm for keratoconus detection.



View Eye

- * You can see the whole cornea, and measure using rectangle, oval and line shapes, clicking over the image, and dragging the mouse.

Printing Topographer Report

- * CT-1000 allows you to print the current map displayed, in the Corneal Structure screen, in a topographic report, including the Keratometric Corneal Profile and the eye's image to verify the detected rings.