

CORNEAL TOPOGRAPHER TMS-4N

TOPOGRAPHIC MODELING SYSTEM

DELIGHT IN SIGHT

Standard for resolution,
accuracy & corneal coverage.



- Easy to use and compatible software
- Over 60,000 data points
- Keratoconus screening software
- Plug and play (USB)

- Accurate and reproducible measurement
- Multi-lingual operation
- Large patient database

 **TOMEY**
TECHNOLOGY AND VISION

THE TOMEY TMS-4N

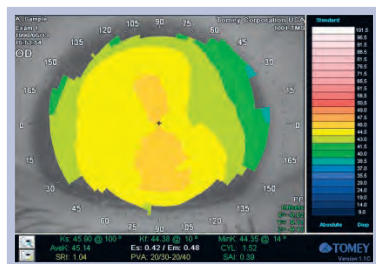


QUALITY IN DETAIL

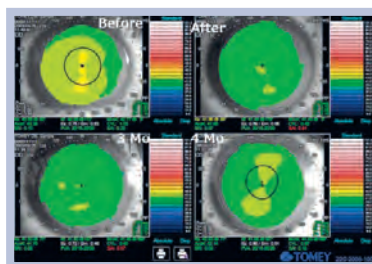
The TMS-4N guarantees high resolution with more than 60,000 data points. In addition the very short acquisition time (0.033 sec) assures you to get sharpest images for highest accuracy. The light cone – with our light cone you get perfect results thanks to eliminating the eyebrow and nose shadows.

TMS-4N HAS THE COMPREHENSIVE SOFTWARE:

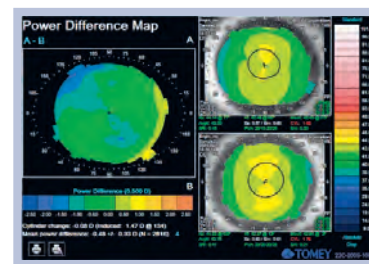
Single, dual, multiple map view, comparing former data with new results, everything is possible with our new **TMS-4N**. Just customise your personal map with your favourite scale up to your special needs. The Fourier analysis provides refractive information in 3 & 6 mm diameter range and also displays the spherical equivalent, regular Astigmatism, asymmetry and higher order irregularity. Additional software applications such as Klyce statistics, Keratoconus screening, enhanced height and height change maps are also available. If you are already a TMS user you can easily import all data into the new software.



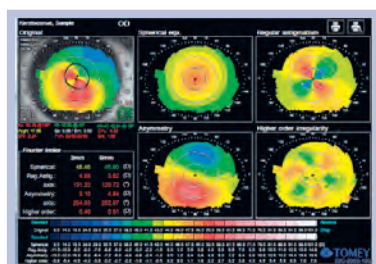
Single analysis



Multiple map



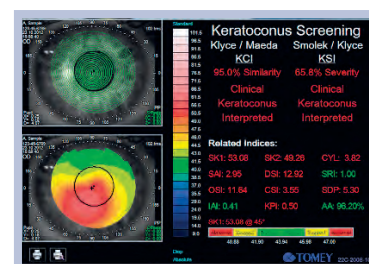
Power difference



Fourier analysis



Database overview



Keratoconus screening

SPECIFICATIONS

MEASUREMENT	
Measurement type	Ring cone
Ring numbers	25
Measurement points	6,400 maximum
Measurement points on a ring	256
Minimum / maximum ring diameter	Ø 0.46 to 8.8 mm (43 D)
Spherical measurement range	5.5 to 10.0 mm (61.36 to 33.75 D)
Spherical measurement accuracy	±0.02 mm (spherical)
Alignment	Manual with auto-correction
MAIN UNIT	
Display	5.7 inch color LCD
Dimensions WDH	296 x 508 x 448 mm
Weight	14 kg
Power supply	AC 100 to 240 V, 50 / 60 Hz 45 to 55 VA

SYSTEM REQUIREMENTS	
Operating system	Windows® 7, Windows® 8
CPU	Intel® Core™2 Duo processor or higher
Memory	More than 512 MB
Interface	USB 2.0 (Connection with a main unit)
Display (resolution)	800 x 600 or higher
DIMENSIONS	
~ 15 kg	



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