TMS-4 SPECIFICATIONS

Data Collection Method
- Placido Cone
- Low Light Level

Number of Rings
- 25, 31

Data Points
- 4,400 (25-ring)
- 7,936 (31-ring)

Data Points on the Rings
Max. Corneal Coverage
- 8.8mm Diameter (0.1-ring)
- 10mm Diameter (3.1-ring)
Min. Corneal Coverage
- 0.45mm Diameter (3.1-ring)
- 0.57mm Diameter (31-ring)

Operator Configuration
- Opposite Patient Joystick Alignment
- Software Correction

Acquisition Time
- Every 3.3msec
- <3 seconds

Average Image Process Time
- 407 KB

Single Exam File Size
- 33.75 - 61.34 KO

Dioptic Range
- 0.10

Minimum Scale Interval
- Standard (Axial)

Map Type Options
- Irregular Astigmatism
- Radius of Curvature (Tangential)
- Refractive Height
- Enhanced and Differential
- Single, Dual, Multiple, Differential, Meridional, 3D
- Numeric, Fourier Analysis

Map Display Options
- Orthogonal Axes
- Irregular Astigmatism

Statistical Package
- 3, 5, 7, 10 mm Zone

Keratoconus Detection
- KפסיקoCorneal Statistics
- KسفيرoMeda Multiple Regression Analysis
- Scoring, K-serifo Classification

Slide-Making Capability
- Bitmap Image Format
- External PC

Computer System Requirements
- CPU: Windows 2000, XP
- Pentium Processor
- 800MHz or higher
- Memory (RAM): 256MB or more
- Dimensions: 308(W) x 472.5(D) x 471.1(H) mm
- Weight: Approx. 52kg
- Power Supply: AC 100V to 240V, 50/60Hz

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One vision, Two sharp eyes with Our Innovation

Famous, Traditional, Reliable Topographer

Corneal Topographer Continues to Set the Standard for Resolution, Accuracy & Corneal Coverage.

TMS-4 has the comprehensive software: Single, Dual, Multiple & you can even customize your own map with favorite scale, map type & so on. Fourier Analysis provides you the refractive information with Spherical Equivalent, Regular Astigmatism, Asymmetry & Higher order irregularity. Fourier Analysis provides the refractive information with 3mm & 6mm diameter range.
The software applications, Klyver Statistics, Keratoconus Screening, Enhanced Height & Height Change Maps are also available.

Statistical Indices


Contact Lens Software

User-defined Fitting Strategies, User-defined Lens Designs, Simulated Fluorescein Patterns, Sagittal Tear Film Pops, Adjustment of Position, Rotation & Tilt, User Modifiable Data Base, Order Form Printout, Automatic Transmission of Data to Optical Lab.