

TMS-4N

Topographic Modeling System

The TMS-4N offers high resolution, accuracy and easy operation. The placido light cone design eliminates nose and brow shadows and provides extensive corneal coverage.

Excellent features

- + Easy-to-use and compatible software (Windows® 7, 8.1, 10, 11)
- + Over 6,000 measurement points
- + Accurate and reproducible measurement
- + Multilingual operation
- + Fourier refractive analysis
- + Keratoconus screening software
- + Large patient database



Specifications

MEASUREMENT	
Measurement type	Placido ring cone
Ring numbers	25
Measurement points	6,400 maximum
Measurement points on a ring	256
Min. / Max. ring diameter	φ 0.46 mm to 8.8 mm on 43 D model eye
Corneal curvature radius measurement range	5.5 mm to 10.0 mm
Corneal curvature radius measurement accuracy	±0.02 mm

CL OPTION ONLY	
Ring numbers	31
Measurement points	7,300 maximum
Measurement points on a ring	256
Min. / Max. ring diameter	φ 0.57 mm to 10.9 mm on 43 D model eye

PERSONAL COMPUTER (REQUIREMENT)	
OS	Windows® 7 Professional (32 bit, 64 bit) Windows® 8.1 Professional (64 bit) Windows® 10 Professional (64 bit) Windows® 11 Professional (64 bit)
CPU	Intel® Core™2 Duo processor or higher
Memory	512 MB or higher
Interface	USB 2.0 (Connection with a main unit)
Display (Resolution)	800 x 600 or higher

REQUIRED SPECIFICATION OF THE ISOLATION	
Transformer	Output more than 500 VA

DIMENSIONS AND ELECTRICAL REQUIREMENTS	
Dimensions WDH	296 mm x 508 mm x 448 mm
Weight	14 kg
Voltage	AC 100 to 240 V
Frequency	50/60 Hz
Power consumption	45 VA to 55 VA
Display	5.7" colour LCD

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