

SPECIFICATIONS

REFRACTIVE POWER MEASUREMENT	
Spherical refractive power (S)	-30.00 D to + 25.00 D (at VD =12.0 mm)
Cylindrical power (C)	0.00 D to ±12.50 D (at VD= 12.0 mm)
Astigmatic axis (A)	0° to 180°
KERATOMETRY MEASUREMENT	
Corneal curvature radius	5.00 mm to 13.00 mm
Corneal astigmatic axis	0° to 180°
INTRAOCULAR PRESSURE MEASUREMENT	
Measurement range	1 mmHg to 60 mmHg (1 hPa to 80 hPa)
PACHYMETRY MEASUREMENT	
Measurement range	300 µm to 800 µm
TOPOGRAPHY MEASUREMENT	
Corneal curvature radius	5.50 mm to 10.00 mm
Corneal astigmatic axis	0° to 180°

AUXILIARY FUNCTION	
Interpupillary distance	Measurement range: 20 mm to 85 mm
Corneal diameter and pupil diameter	Measurement range: 1.00 mm to 14.00 mm
Dry eye observation	Blinking Analysis, Tear Meniscus height, Hyperemia, Meibomian Glands
DATA MANAGEMENT	
Internal Database	Integrated SD Card
Printer	Integrated thermal printer
Data Output Type	3× USB 2.0, 1× LAN, 1× SD Card-slot, 1× WLAN
Export Format	CSV, XML, JPG, PDF
DIMENSIONS & ELECTRIC REQUIREMENTS	
Dimensions WDH	312 × 491 × 450 mm
Weight	approx. 23 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	110 VA

SUPER FAST CONE MOVEMENT



2019/08 - subject to change without notice

MULTIFUNCTION UNIT MR-6000

COMBINES 6 IN ONE

DELIGHT  
IN SIGHT

Efficiency meets economics.  
For highest patient comfort.



- Refraction
  - Keratometry
  - Topography
- Tonometry
  - Pachymetry
  - Dry Eye Analysis



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TECHNOLOGY AND VISION

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# THE TOMEY MULTIFUNCTION UNIT MR-6000

## QUALITY IN DETAIL

### REFRACTION + KERATOMETRY

Get accurate measurement values for Refraction and Keratometry due to an improved measurement principle.

### QUICK REFRACTION MODE

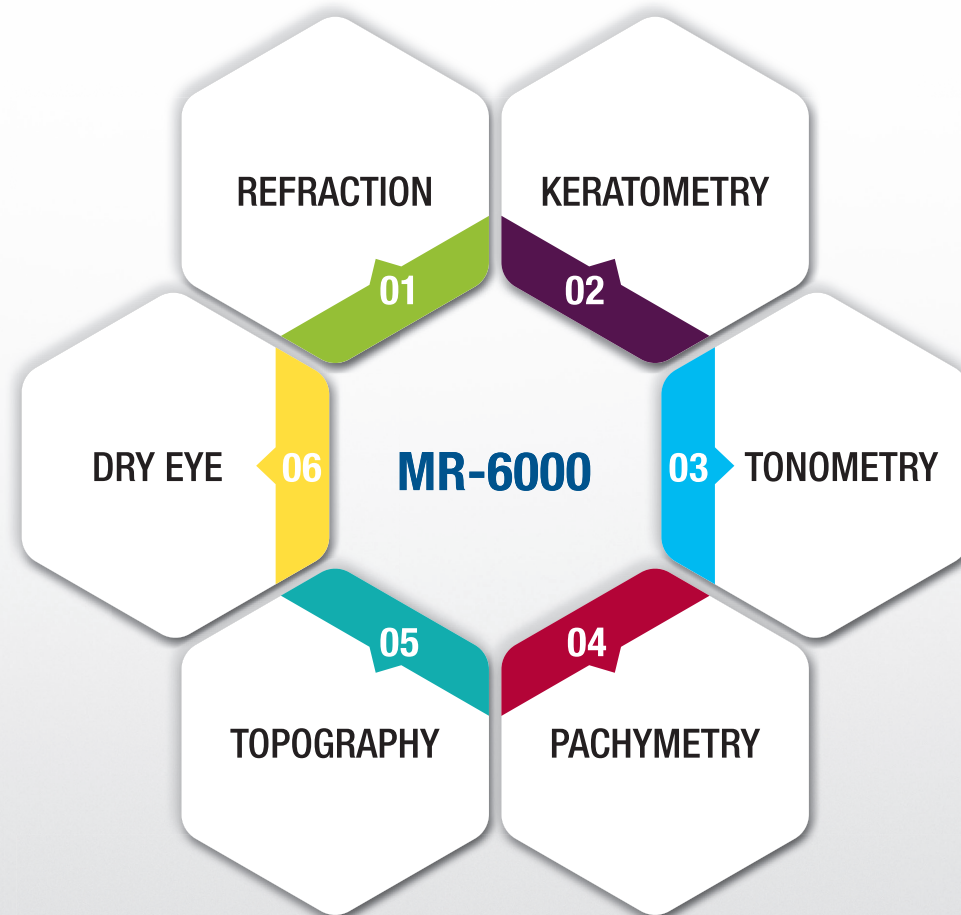
The Quick Refraction Mode allows refraction values within seconds despite fixation loss e.g. for patients with Nystagmus, children or uncooperative patients.

### TONOMETRY + PACHYMETRY

A new generation of air flow technology causes a friendly and gentle air puff. The automated IOP correction is taking account of Pachymetry values to get reliable IOP values.

### TOPOGRAPHY

16 Mires Rings examine an area of 8 mm diameter. Several map types including Fourier Analysis lead to a wide range of corneal shape displaying opportunities.



**6 IN 1 COMBINATION TO INCREASE YOUR WORKFLOW IMMEDIATELY.**

# BE ECONOMIC, WORK EFFICIENT AND SAVE RESOURCES!



## MORE EFFICIENCY



Minimize your examination time down to just **90 seconds** for measurement of Refraction + Keratometry + Tonometry + Pachymetry + Topography.

## SAVE TIME



The quick and smooth interchange of measurement cones in less than **4 seconds** makes it possible.

## WIN SPACE

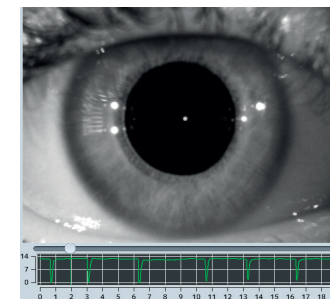


## SAVE COSTS

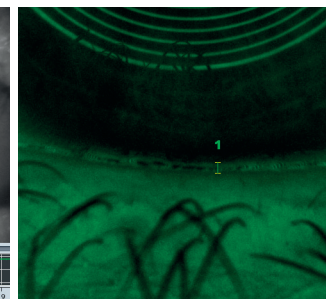


## DRY EYE OBSERVATION SOFTWARE

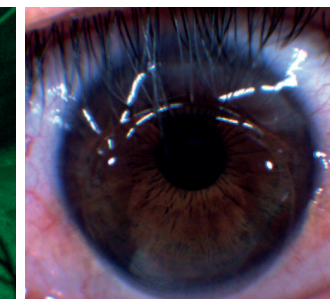
The combination of 4 examinations gives a detailed impression of the health of the patients' ocular surface. Observe the blinking frequency, tear meniscus height, Hyperemia and Maibomian glands by using **only one medical device**.



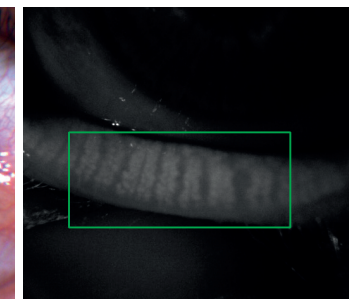
Blinking frequency



Tear meniscus height

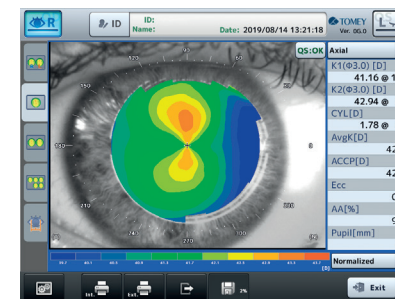


Hyperemia



Maibomian glands

## TOPOGRAPHY ANALYSIS SOFTWARE



Single map



Dual map – overview of both eyes



Fourier analysis