

# NEW MULTIFUNCTIONAL REFRACTOMETER

SIMPLE BUT VERSATILE IN FUNCTION

**MR-6000**



**6 SYSTEMS** in one product

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

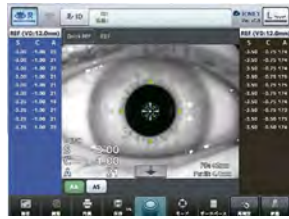
 **TOMEY**  
TECHNOLOGY AND VISION

# ONE VISION, TWO SHARP EYES WITH OUR INNOVATION

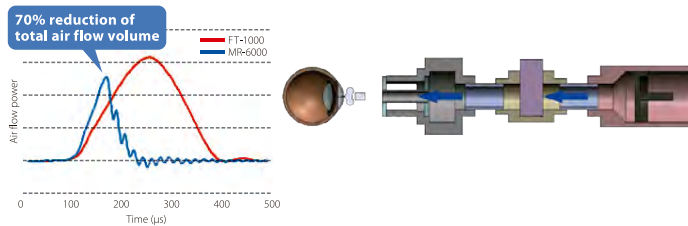
## MR-6000

- Multifunction in one instrument
- Speedy Alignment and Mode change
- Wide range alignment by image recognition
- Sharp measurement ring and Quick mode for Ref measurement
- Air flow control for Tonometry
- Pachy measurement to obtain accurate IOP
- Topo function to detect irregular corneal shape
- Dry eye observation software

### Sharp measurement ring and Quick mode for Ref measurement



### Air flow control for Tonometry



### Speedy Alignment and Mode change



### Pachy measurement to obtain accurate IOP

Topo function to detect irregular corneal shape



Single map: post LASIK eye

Fourier analyze display

### Wide range alignment by image recognition

Auto alignment area is wider than our previous model RC-5000.

Area in yellow shows auto-alignment > detection area



### Dry eye observation software

Meibomian glands

Tear meniscus

Blinking frequency

Hyperaemia

## SPECIFICATIONS

### Measurement performance

#### Refractive power measurement

Spherical refractive power	-30.00 D to +25.00 D (VD= 12.0 mm)
Cylindrical refractive power	0 D to +/-12.50 D (VD= 12.0 mm)
Astigmatic axis	°0 to 180°

#### Corneal curvature 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 - 80 hPa)
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#### Corneal thickness measurement

Measurement range	300 µm to 800 µm
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#### Corneal shape measurement

Corneal curvature radius	5.50 mm to 10.00 mm
Corneal astigmatic axis	°0 to 180°

### Auxiliary functions

#### Interpupillary distance measurement

Measurement range	20mm to 85mm
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#### Corneal diameter and pupil diameter measurement

Measurement range	1.0mm to 14.0mm
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### Main unit

Display type	10.4-inch color TFT-LCD
Dimensions and weight	312 (W) X 491 (D) X 450 (H)mm, Approx. 23.0 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	110 VA

Distributor



**MERCOFrames OPTICAL CORP.**

5555 NW 74 AVE. Miami, FL 33166

[/mercoframes](https://www.facebook.com/mercoframes)

[sales@mercoframes.net](mailto:sales@mercoframes.net)

[www.mercoframes.com](http://www.mercoframes.com)

305-882-0120 Whatsapp

[www.mercoframesusa.com](http://www.mercoframesusa.com)