

NEW MULTIFUNCTIONAL REFRACTOMETER

SIMPLE BUT VERSATILE IN FUNCTION

MR-600



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

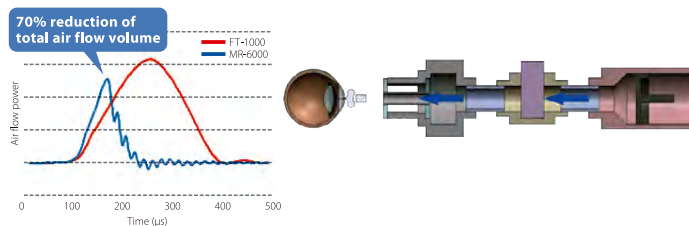
MR-600

- 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



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