VIEWLIGHT
POWERED BY INNOVATION

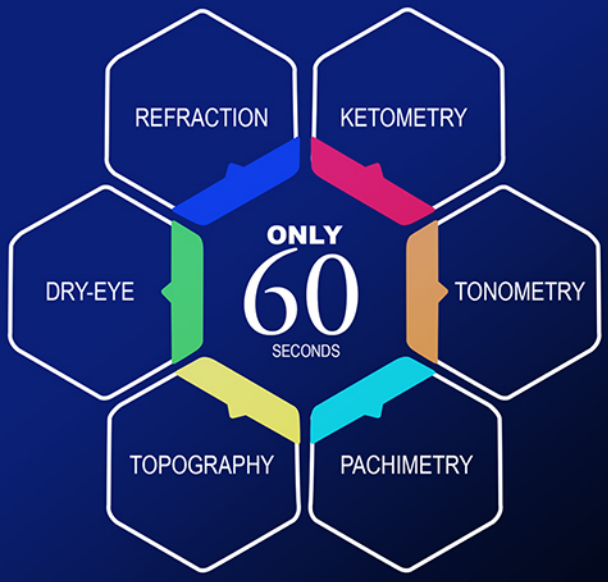
NEW

Innovative

Ophthalmic Devices

TOMEY

2023 Catalog



TOMEY

Model

> Auto Ref / Kera / Tono / Topo / Pachy

MR.6000

Multifunctional Unit

> Not Sold in the U.S.A

The MR-6000 Multifuntional unit features six different products in one streamlined, easy-to-use machine. Perform Refraction, Keratometry, Topography, Tonometry, Pachymetry and Dry Eye Analysis exams with meibomian glands, tear film and conjunctiva, fully automatically, with the simple touch of a button.

- Determine the objective refraction
- Six functions in one system
- Provides bright and clear images
- Visualise the corneal shape
- Detect Anomalies
- Assess the IOP and C.IOP (glaucoma screening)
- Measure the central corneal thickness
- Quick and Automatic Cutting Printer
- Auto alignment + auto measurements
- Observes the dry-eye

TOMEY

Monitor Not Included

Model CASIA-2

Cornea Anterior Segment OCT

> Not Sold in the U.S.A

TOMEY Cornea and Anterior Segment OCT CASIA2 is the most advance device for the analysis of the anterior segment of the eye. Combines placido disk corneal topography and a high resolution OCT-based anterior segment tomography.

- Application for cataract/glaucoma/ cornea surgery
- High resolution advanced imaging
- High precision joystick
- Deep scanning depth (13 mm)
- Fast scanning speed (50,000 A-scans/second)
- Lens shape analysis and Phakic IOL simulation
- Pre- and Post-OP ICL function
- Epithelium Map Application
- STAR 360° & Glaucoma Application
- Cataract Application

> PG.2

TOMEY

Model

RC-800

Autorefractor & Keratometer

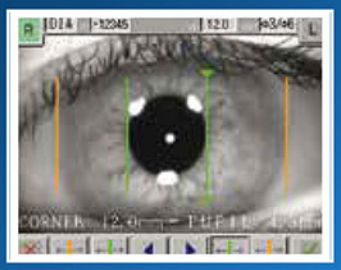
> Not Sold in the U.S.A

TOMEY Autorefractor & Keratometer RC-800 displays 5.7“ colour touch screen commands can be done via touch screen, manage focusing navigator, multilevel dial types, extremely rapid automatic measurements and highly accurate data.

- 5.7” LED Monitor provides bright and clear images
- Language Selection
- Central K-values Pupil + cornea measurement
- Up/Down Adjust Ring
- Peripheral Keratomerty measurements
- Jog Dial Measurement
- Quick and Automatic Cutting Printer
- USB Thermal Printer

> PG.3

Auto alignment



Pupil & cornea measurement

TOMEY

Model

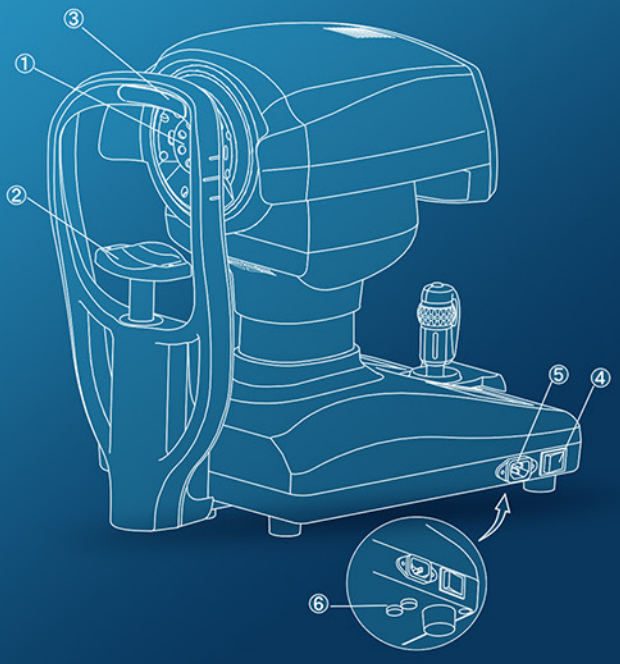
RC-5000

Autorefractor & Keratometer

> Not Sold in the U.S.A

TOMEY Autorefractor & Keratometer RC-5000 is a refractive power measuring instrument which provides the ophthalmometry function to measure corneal curvature.It provides the Auto Alignment mechanism, easy measurement operation is obtainable.

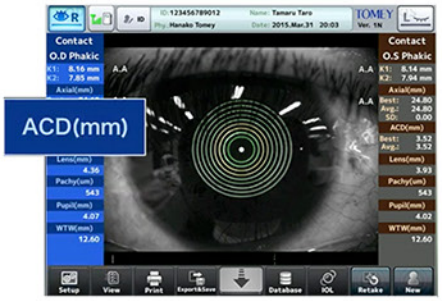
- 5.7” color touch screen
- Language Selection
- Central K-values Pupil + cornea measurement
- Auto alignment and measurements
- Peripheral Keratomerty measurements
- Power motion joystick
- Quick and Automatic Cutting Printer
- USB Thermal Printer



① MEASUREMENT WINDOW
② CHIN REST
③ HEAD REST
④ POWER SWITCH
⑤ POWER CONNECTOR
⑥ FUSE HOLDER

> PG.4

TOMEY



Model OA-2000

Optical Biometer

> Not Sold in the U.S.A

No matter if you use standard formulas or ray tracing calculation – both options are possible with the OA-2000. Features 3D eye tracking technology all relevant data are captured quickly, even with uncooperative patients.

- Post-refractive cases – quick and reliable
- Perfect K values – best toric results
- Hill-RBF-method- for excellent refraction outcome
- Outstanding optic measurement results
- Biometry of the entire eye in a single measurement
- Frontiers in IOL Prediction
- Open data and an intuitive user interface
- Improved refractive outcomes
- Access to full eye data in a single click
- Excellent IOL prediction in all eyes
- Fast, precise and comprehensive refractive results

> PG.5

TOMEY

Complete probe selection

UD-800 comes with a 10 MHz B-Scan probe, and 4 more options are selectable.

Model

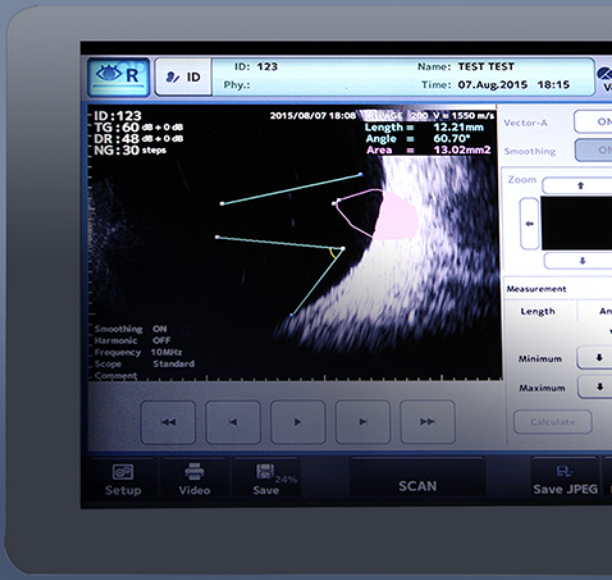
UDR-800-AB

Ultrasound A/B Scan

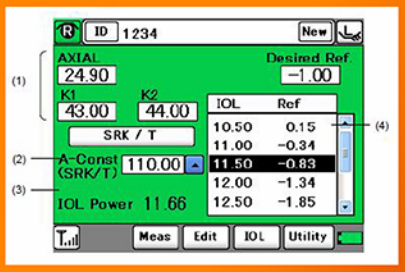
> Not Sold in the U.S.A

TOMEY Ultrasound UDR-800 AB is a compact all-in-one device with high resolution. In addition to the main B-scan, you can add UBM, Biometry, Pachymetry and A-Scan Diagnosis as options. Harmonic function is also available with B-Scan.

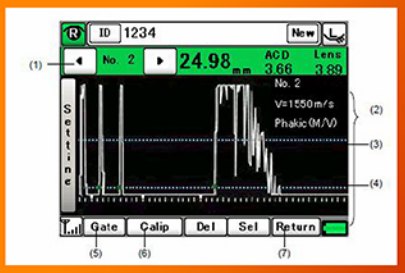
- Harmonic Functions
- IOL Power Calculation Function
- B Mode Image Diagnostics
- Internal database (via USB Stick)
- Biometer A-scan 10 MHZ
- 10 MHZ 2-ring array B-probe
- Pachymetry (optional)
- UBM 40 MHz B-probe (optional)



> PG.6



IOL Calculation screen



Edit screen (waveform)

TOMEY

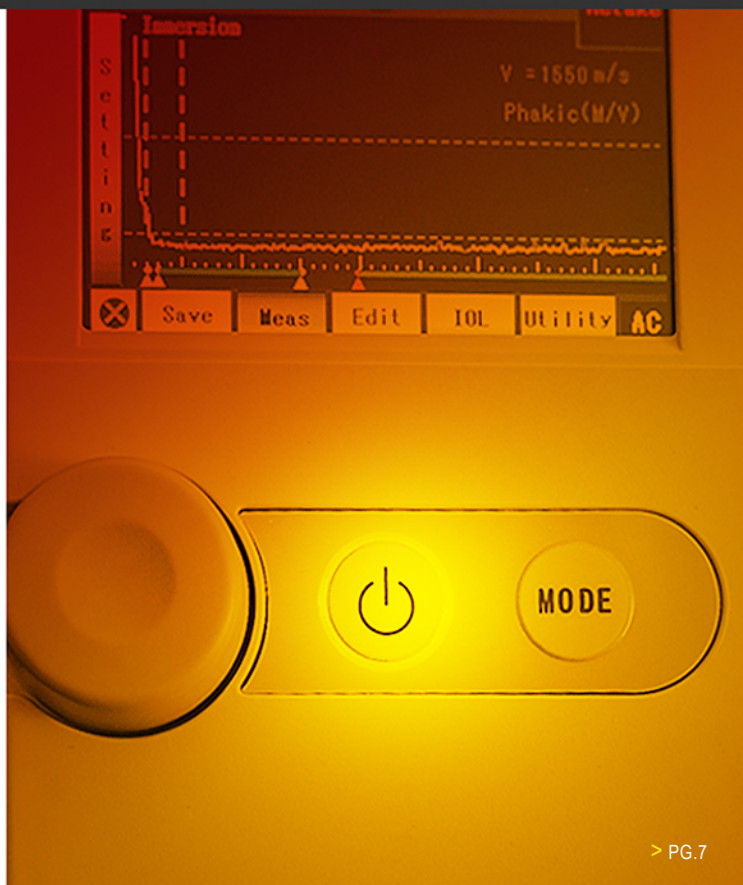
Model AL-4000

Ultrasound A Scan

> Not Sold in the U.S.A

TOMEY's ultrasound AL- 4000 is an extremely handy and easy-to-use combination of Bio and Pachymeter leaves nothing to wish for in terms for comfort and flexibility. A wireless plus, fully integrated IOL power calculation software.

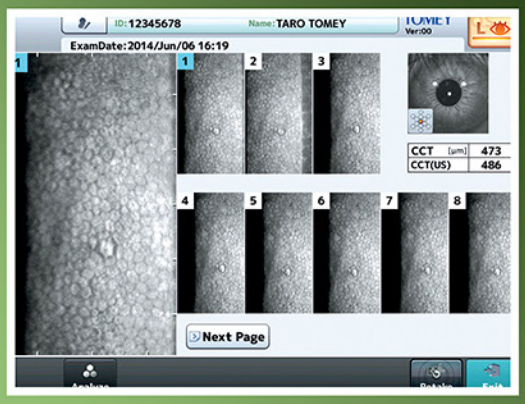
- Post-refractive cases – quick and reliable
- Perfect K values – best toric results
- Hill-RBF-method- for excellent refraction outcome
- Outstanding optic measurement results
- Biometry of the entire eye in a single measurement
- Frontiers in IOL Prediction
- Open data and an intuitive user interface
- Improved refractive outcomes
- Access to full eye data in a single click
- Hit the target any time
- Fast, precise and comprehensive refractive results



> PG.7

TOMEY

Auto cell density analysis



Model EM-4000

Endothelial Microscope

> Not Sold in the U.S.A

TOMEY Specular Microscope EM-4000 is designed to observe and analyze corneal endothelium by capturing an image of corneal endothelium tissues without making contact, analyzing the captured image, calculating data and cell density.

- 10.4” touch screen interface
- Analysis and Detection
- Peripheral Evaluation
- Built-in Thermal printer with automatic cutter
- Automatic focus of the endothelial layer
- Automatic calculation of cells centres
- Extensive statistical analysis
- Pain-free examination not requiring local anesthesia
- Digital CCD camera enables to track and focus
- Auto focus alignment

> PG.8

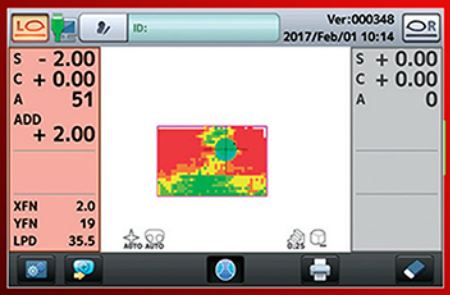
TOMEY

Model

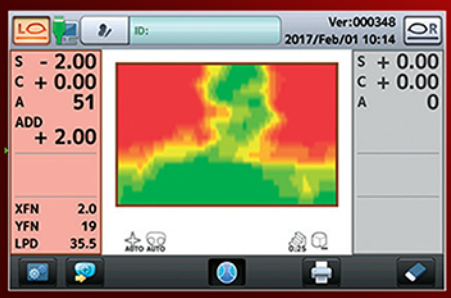
TL-6000 / TL-7000

Digital Lensmeter

> Not Sold in the U.S.A



Lens mark assist



Simple power mapping

TOMEY Lensmeter Model TL-6000 & TL-7000 is the most accurate digital lensmeter on market today under the hartmann principle. Measures refractive and prism power of the lens of eyeglasses and contact lenses, managed by user friendly interface that makes observation more intuitive, simple, and clear makes operation easier.

- Wavefront technology with
- Hartmann sensor (117 points)
- Simultaneous measures UV/Blue light and power
- Lens mark recognition support
- Simple Power Mapping
- LAN and RS-232C connection

> PG.9

TOMEY

Model

FT-1000

Non - Contact Tonometer

> Not Sold in the U.S.A

TOMEY Non Contact Tonometer FT-1000 is used to measure the intraocular pressure of a patient's eye. Specialized by indicated for the measurement of intraocular pressure without contacting the eye to aid in the screening and diagnosis of glaucoma.

- High Speed Measurement
- Safe and Reliable
- Touch Screen Alignment System
- Soft and Silent Air Pulse
- Auto Alignment + Auto Shot
- Cornea Thickness Related IOP
- Built-in Printer
- Intraocular pressure Measurement

> PG.10

TOMEY

Model

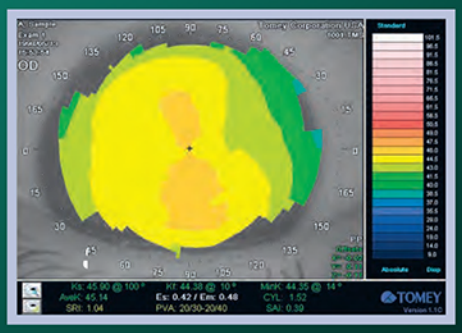
TMS-4N

Topographer

> Not Sold in the U.S.A

TOMEY Topographer TMS-4N analysis provides refractive information in 3 & 6mm diameter range and also displays the spherical equivalent, regular Astigmatism, asymmetry and higher order irregularity.

- Easy to use and smooth handeling
- Multi-language operation
- Over 60,00 data points
- Keratoconus screening software
- Plug and play (USB)
- 5.7 inch color LCD display monitor
- Accurate and reproducible measurement
- Large patient database
- Fourier analysis
- Multilple maps and single analysis
- Power difference
- Keratoconus screening



Single analysis

Database overview

> PG.11