

TOMEY PRODUCT GUIDE

www.tomey.de



**DELIGHT
IN SIGHT**

2019

 **TOMEY**
TECHNOLOGY AND VISION

DELIGHT IN SIGHT

TOMEY GmbH is the European headquarters of **TOMEY** Corporation, located in Nuremberg, Germany. **TOMEY GmbH** was established in 1991 and is responsible for the distribution network in Europe, Middle East and Africa.

The good reputation of **TOMEY** ophthalmic and optical diagnostic systems is based on our accuracy, reliability and functionality.

Our distributors successfully promote **TOMEY'S** name all over the globe. Know-how and loyal customer relations, enhanced service and com-



prehensive training on all products are our main keys for a perfect local support. As a customer of **TOMEY** you enjoy the support of a skilled expert team around the world.

Moreover we are dedicated to steadily improve our products to ensure the newest technology by using **TOMEY** systems.

Research and development are essential structures of **TOMEY** and our strongest competence.

TOMEY – TECHNOLOGY AND VISION!

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TOMEY PRODUCTS

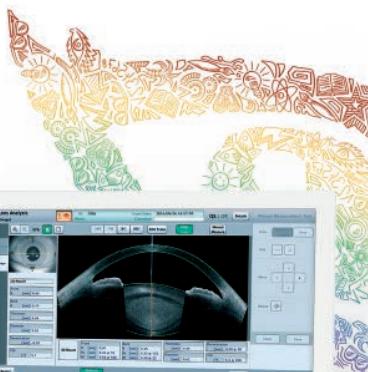
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CASIA2 OPTICAL COHERENCE TOMOGRAPHER

- Testing application for Cataract / Glaucoma Cornea Surgery
- Glaucoma angle analysis (360°)
- Advanced imaging with deeper scanning depth (13 mm) and faster scanning speed (50.000 A-scan/sec)



- Corneal topography + IOL choice & calculation
- Lens shape analysis & trend analysis
- Phakic IOL simulation



OA-2000 OPTICAL BIOMETER & TOPOGRAPHY-KERATOMETER

- IOL Ray Tracing Calculation by OKULIX (optional)
- Axial length
- ACD & LENS thickness
- Topography-Keratometer
- All measurements - simply one touch
- Pachymetry
- White to White
- Pupil diameter



SP-100 PORTABLE PACHYMETRER

- Automatic CCT corrected IOP calculations
- Built-in printer
- Wide measuring range 150 to 1,200 µm
- 8 readings with averaging
- Patient data input & export capability
- Cordless



AL-100 A-SCAN/BIOMETER

- Colour touch screen
- Automated / manual measurement
- Contact / immersion mode
- 6 IOL-calculation formulae
- Internal data storage
- Memory card drive



AL-4000 BIO & PACHYMETRER

- Axial length + corneal thickness
- Multiple IOL power calculation
- A-scan diagnostic probe (optional)
- Compact body
- Integrated database software (TB-1000)
- Contact + immersion mode
- Rechargeable battery with AC adapter



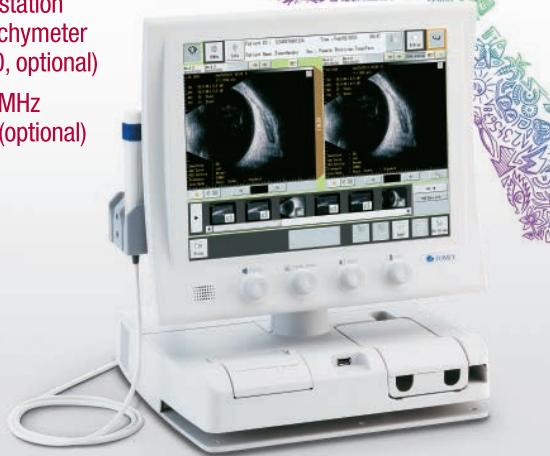
UD-800 MODULAR A/B-SCAN SYSTEM

- Modular configurable
- 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)
- A-diagnostic probe (optional)



UD-8000 MODULAR B-SCAN SYSTEM

- Annular array multi-frequency B-probe
- High resolution touch-screen operation
- Video recording and analysis function
- Data communication via LAN or USB
- Docking station Bio- / Pachymeter (AL-4000, optional)
- UBM 60 MHz B-probe (optional)



EM-4000 ENDOTHELIUM SPECULAR MICROSCOPE

- Auto alignment + auto measurement
- Integrated non-contact Pachymetry
- 13 measurement areas
- Integrated database and printer
- Automatic analysis, L-count, Core method, Dark area method
- Counts up to 300 cells
- Extremely fast



TFC-1000 FULLY AUTOMATED FUNDUS CAMERA

- Automatic eye tracking
- Auto focus + auto measurement
- Fundus image within 15 seconds
- Multi imaging display
- Field of view 45° x 45°
- 12M pixel sensor
- 9 fixation points
- Anterior segment imaging



FT-1000 NON-CONTACT TONOMETER

- Touch screen alignment system
- Auto alignment + auto measurement
- Cornea thickness related IOP correction
- Soft and silent air pulse
- High-speed measurement



TMS-4N AUTOMATED CORNEAL TOPOGRAPHER

- Easy to use and compatible software
- Over 60,000 data points
- Accurate and reproducible measurement
- Multi-lingual operation
- Plug and play (USB)
- Keratoconus screening software
- Large patient database



TMS-5 SCHEIMPFLUG & TOPOGRAPHER

- Placido Topography verified Scheimpflug imaging
- High resolution
- Anterior + posterior map
- Pachymetry map
- Anterior chamber depth
- High speed measurement: 0.5 sec.
- Operates in all light conditions



RT-7000 TOPO-REF-KERATOMETER

- 4 systems –
1 instrument
- Colour touch screen
- Different Topography maps
- Pupil + cornea ø measurement
- Auto alignment +
auto measurement
- Tear stability analysis system (TSAS)



EP-1000 PRO / MULTIFOCAL ELECTROPHYSIOLOGY

- LED colour flash and background illumination
- S-cone analysis, PERG Ratio
- Multifocal ERG
- Programme editor for individual examinations
- ISCEV conform standard tests



MR-6000 MULTIFUNCTIONAL UNIT

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



RC-800 REFRACTOR-KERATOMETER

- Central K-values
- Pupil + cornea ø measurement
- Colour touch screen
- Auto measurement
- High speed printer
- High accuracy



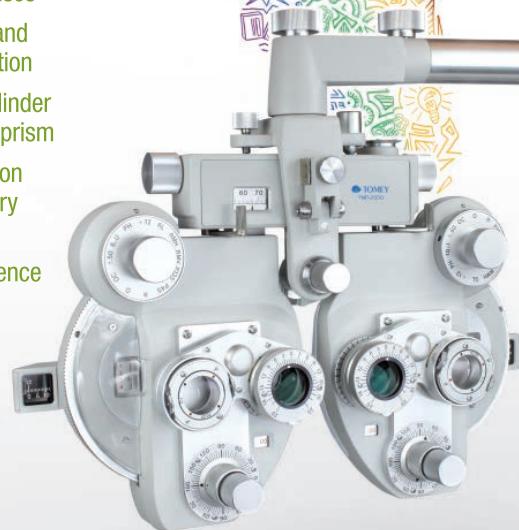
RC-5000 AUTO-REF-KERATOMETER

- Central + peripheral K-values
- Colour touch screen
- Pupil + cornea ø measurement
- Auto alignment + auto measurement
- Power motion joystick



TMP-2000 MANUAL PHOROPTER

- Premium quality
- High grade coating on all lenses
- Precise and easy motion
- Cross cylinder + rotary prism
- Near vision + auxiliary lenses
- Convergence system



TAP-2000 AUTOMATED PHOROPTER

- Easy and fast operation via touch screen
- Data display with high contrast LCD
- Equipped with all standard refraction tests
- Cross-Cylinder (auto) + accurate rotary prism
- PD control (monocular + binocular)
- Communication with all Tomey chart monitors

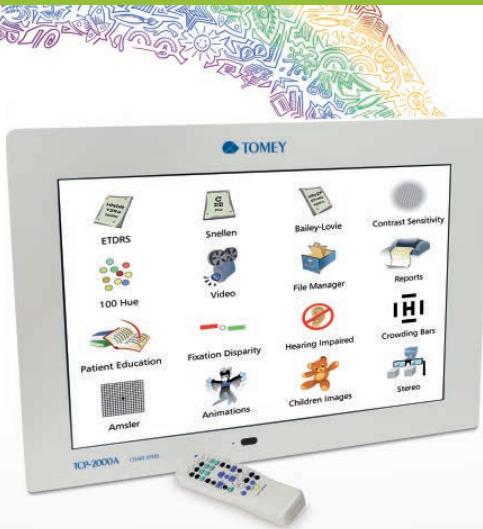


TCP-2002 LED CHART PROJECTOR

- Maintenance-free LED light
- Brilliant chart display
- Connected to TAP-2000
- 42 charts
- Fast chart change



TCP-2000A CHART PANEL



- Programmable display sequences
- Comprehensive test selection
- Multimedia tool
- Colour vision test charts

TCP-2000P POLARISING CHART PANEL



- Contrast sensitivity test
- Non reflecting display
- Individual test report function
- TCP-2000A = 24" / 60.96 cm

- High quality LCD 23" / 58.42 cm
- Colour vision test chart
- Extensive polarised test chart selection

- Programmable display sequences
- Integrated computer
- Driving licence test equipment (optional)

TCP-3000P / TCP-3000PX MULTIMEDIA POLARISING CHART PANEL



- Extensive polarising test chart selection
- High quality LCD 24" / 60.96 cm
- Integrated computer
- Multimedia tool
- Colour vision test chart
- Printable test reports

- Programmable display sequences
- Multilingual user interface
- Large test field frame (TCP-3000PX)
- Full MKH test sequence (TCP-3000PX)

TCP-4000 / TCP-4000P CHART PANEL



- Bluetooth or WiFi connection to TAP-2000
- High variety of vision tests
- Accurate linear polarisation (TCP-4000P)
- Red-Green and/or polarising tests
- Snellen Charts, ETDRS, Crowding Bars
- Low vision Charts
- Colour Vision Tests
- Programmable chart sequences

TL-100 AUTO LENSMETER



- More performance for less money
- Contact lens mode
- Prismatic lens measurement
- Auto hold function
- Automated detection and measurement of progressive lenses

TL-6000 / TL-7000 AUTO LENSMETER



- Wavefront technology with Hartmann sensor (117 points)
- Simultaneous measurement of UV/Blue light and power
- Lens mark recognition support
- WIFI, LAN and RS-232C connection
- PD measurement (TL-7000 only)

TL-7000

TSL-800H / TSL-800H*digital* SLIT LAMP



TSL-800H*digital*

- Quality optics
- LED illumination
- Rotating drum with 5-step magnification

TSL-800H

- Multi integrated filters
- High resolution digital imaging system with 5.0 M Pixel (TSL-800H*digital* only)
- Imaging system with direct HDMI output (TSL-800H*digital* only)

TSL-800Z SLIT LAMP



- Quality optics
- LED illumination
- Rotating drum with 5-step magnification
- Multi integrated filters
- Ergonomic operation

TSL-4000H / TSL-4000Z SLIT LAMP



TSL-4000H

TSL-4000Z

- Elegant design
- Integrated yellow filter
- Exceptional optics
- Outstanding reliability

- 3-step magnification changer
- LED illumination
- Extensive filter and accessory set

TSL-7000H / TSL-7000H*digital* SLIT LAMP



TSL-7000H

TSL-7000H*digital*

- Exceptional optics
- 5-step magnification
- LED illumination
- Extensive filter, accessory set and integrated yellow filter

- Work station with application software (TSL-7000H*digital*)
- Integrated, high sophisticated camera system (TSL-7000H*digital*)

TSL-7000Z / TSL-7000Z*digital* SLIT LAMP



- Elegant design
- Integrated yellow filter
- Exceptional optics
- Outstanding reliability

- 3-step magnification changer
- LED illumination
- Extensive filter and accessory set

TAT-80R/T & TAT-100R/T APPLANATION TONOMETER



- Gold standard in IOP measurement
- Best reproducibility and accuracy
- Reliable and durable

TAT-80R/T for TSL-800 series
TAT-100R/T for TSL-4000/7000 series

TRU-800

REFRACTION UNIT



- Easy to install (right or left)
- Including chair SC-1000
- Low shipment costs
- Magnetic table lock
- Space-saving (1.08 m²)
- Timeless and modern design

TRU-1000

REFRACTION UNIT



- Space-saving
- Preconfigured for Tomey equipment
- Easy to install (right or left)
- Two optional chairs
- Timeless and modern design
- Additional nice features

TRU-2000

REFRACTION UNIT

- Space-saving
- Preconfigured for Tomey equipment
- Personal touch with individual internal LED light
- Easy to install (right or left)
- Timeless but remarkable
- Comfortable motorised chair with tilting action



TRU-2500

REFRACTION UNIT

- Electro-magnetic break for device table
- Electrical height adjustment of device table
- Electrical reclinable & rotatable chair (manual rotation ± 30 degrees)
- Personal touch with individual internal LED light



AP-2500 AUTOMATED PERIMETER

- Modern eye tracking system
- LED-technology
- Digital camera controlled
- Pupil measurement
- Multilingual user interface
- Customised test programmes
- EU driving licence tests



AP-3000 KINETIC / STATIC PERIMETER

- Compact design
- Kinetic and static testing
- Digital eye-tracking
- Goldmann size stimuli
- EU driving licence tests
- RGB bowl illumination



T4PC / T5PC MULTI-TOUCH PC

- All-in-one PC
- Ultra slim, 48 mm thickness
- Wide range display size
- 15.6" = T4PC
- 21.5" = T5PC



TTUD-1000 / TT2C-1000 / TT2C-800 ELECTRIC LIFT TABLE



TTUD-1000

- This extremely loadable model for our ultrasound line features one drawer (for safe storage of the probes), holder for tissues and cleaning fluids. Optimised space for our recommended Mitsubishi P95DE video printer (USB)



TT2C-800 / TT2C-1000
(optional shelves are available)

- TT2C-800 and TT2C-1000 are vertically adjustable electric tables with two systems (e.g. FT+RC or TMS+OA). Additionally they are very useful for wheel chair access. The maximum load is 150 kg. Optional shelves for cables and accessories are available.

TT-1060 / TT-4060 / TTVS-1000 ELECTRIC LIFT TABLE

- Three vertically adjustable electric lift tables that allow the use of instruments up to a weight of 80 kg. Optional shelf TPPR-1000 for OA-2000 printer is available (only for TT-1060)



NOTES

2019/02 – subject to change without notice



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