TOMEY

2023

product
guide

Your specialist
*for easy-to-use
high-tech solutions.*

Our comprehensive range of precision diagnostic instruments reflects our commitment to maximum quality, service and innovation. This leads to early prevention, accurate diagnoses and examinations that are as comfortable as possible. All for the patient's benefit.

Our highly motivated team of experts works continuously to develop solutions for ophthalmic diagnostics that will remain viable into the future. With the courage to innovate and curiosity about what the future has to offer, we share a common goal: to make the day-to-day work of ophthalmologists and opticians as easy and as successful as possible.

Product range

Diagnostics

Refraction

Furniture

Diagnostics

TOMEY diagnostic equipment enables independent and targeted operation. This ensures the reliable examination of each client.

"USING OUR DEVICES ALLOWS THE DAILY WORKFLOW TO BE AS QUICK AND EASY AS POSSIBLE."

Udo Schmidt

HEAD OF PRODUCT
MANAGEMENT/R&D

CASIA2
Cornea/Anterior Segment OCT

advanced

+ Testing application for cataract/glaucoma/ cornea surgery

+ Glaucoma angle analysis (360°)

+ Advanced imaging with deep scanning depth (13 mm)

+ Very fast scanning speed (50,000 A-scans/sec)

+ Corneal topography, IOL choice, and calculation

+ Lens shape analysis and trend analysis

+ Phakic IOL simulation

+ Colour fixation camera

+ High intense illumination

OA-2000
Optical Biometer

+ Axial length

+ ACD and lens thickness

+ Topography- Keratometer

+ All measurements – just one touch

+ Pachymetry

+ White to White

+ Pupil diameter

+ IOL ray-tracing calculation by OKULIX (optional)

AL-4000
Bio- & Pachymeter

+ Axial length and corneal thickness

+ Multiple IOL power calculation

+ A-scan diagnostic probe (optional)

+ Compact body

+ Integrated database software (TB-1000)

+ Contact and immersion mode

+ Bluetooth

UD-800
Ultrasonic A/B Scanner and Pachymeter

+ Modular configurable system

+ External database (USB flash drive)

+ Biometer A-scan 10 MHz

+ 10 MHz 2-ring array B-probe

+ Pachymetry (optional)

+ UBM 40 MHz B-probe (optional)

+ A-diagnostic probe (optional)

TOP-1000
Non-Contact Tonometer with Pachymetry

FT-1000
Non-Contact Tonometer

+ 3D auto-tracking

+ Auto measurement

+ Soft air puffing

+ Pachymetry for
  IOP correction

+ Excellent measurement
  repeatability

+ Friendly user interface
  on 10.1" touch screen

+ Patient database

+ Touch screen
  alignment system

+ Auto alignment and
  auto measurement

+ Cornea thickness-
  related IOP correction

+ Soft and quiet
  air pulse

+ Fast measurement

TMS-4N
Topographic Modeling System

+ Easy-to-use and compatible software (Windows 7, 8.1, 10)

+ Over 6,000 measurement points

+ Accurate and reproducible measurement

+ Multi-lingual operation

+ Fourier refractive analysis

+ Keratoconus screening software

+ Large patient database

TMS-5
Topographic Modeling System

+ Sheimpflug imaging by Placido Topography

+ High resolution

+ Anterior and posterior map

+ Pachymetry map

+ Anterior chamber depth

+ High-speed measurement: 0.5 sec.

+ No need of a darkroom

TFC-1000
Fundus Camera

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

EM-4000
Specular Microscope

- **+** Auto alignment and auto measurement
- **+** Integrated non-contact pachymetry
- **+** 13 measurement areas
- **+** Integrated database and printer
- **+** L-count, trace, core method, and dark area analysis
- **+** Very fast

AP-2500
Automated Perimeter

- **+** Digital eye-tracking
- **+** LED technology
- **+** Pupil measurement
- **+** Multi-lingual user interface
- **+** Customised test programmes
- **+** EU driver's license test conformity

AP-4000
Automated Perimeter

- **+** Kinetic and static testing
- **+** Compact design
- **+** 17" HD capacitive touch screen
- **+** Advanced eye-tracking
- **+** Patient audio guide
- **+** Visual acuity verification

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

Refraction

Our intention is to offer a wide range of equipment needed to determine the optimal visual acuity. From lensmeters to autorefractors and phoropters – and for manual or digital examination.

"WE'RE COMMITTED
TO PROVIDING HIGH-
QUALITY AND EASY-TO-USE
PRODUCTS TO ALL
EYE CARE SPECIALISTS."

Matthias Görl

PRODUCT MANAGER,
OPHTHALMIC OPTICS & OPTOMETRY

MR-6000
Multifunction Unit

- **+** 5 + 1: Ref, Kerato, Tono, Pachy, Topo, Dry Eye observation app
- **+** Measurement mode change in just 3 seconds
- **+** Auto alignment and auto measurement
- **+** Quick refraction mode
- **+** Pupil and cornea ø measurement

RC-800
Auto Ref-Keratometer

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

RC-900
Auto Ref-Keratometer

+ Semi auto-tracking

+ Auto-measurement

+ Peripheral keratometry

+ Retroillumination

+ Large measuring range

+ Rotatable monitor

+ Video out (VGA)

+ WiFi and serial connection to TAP-2000

RC-5000
Auto Ref-Keratometer

+ Central and peripheral K-values

+ Colour touch screen

+ Pupil and cornea ø measurement

+ Auto alignment and auto measurement

+ Power motion joystick

TMP-800
Manual Phoropter

+ Multi-coated lenses

+ High-quality
  mechanics

+ Near-vision
  equipment

+ Variety of
  optical and
  accessory lenses

+ Individual
  adjustment

TMP-2000
Manual Phoropter

+ Premium quality

+ High-grade coating
  on all lenses

+ Precise and
  easy motion

+ Cross cylinder
  and rotary prism

+ Near-vision and
  auxiliary lenses

+ Convergence system

TAP-2000
Automated Phoropter

+ Ergonomic control panel

+ Custom working routine

+ Numerous tests

+ Compatible with various TOMEY equipment

+ Wide visual field

+ Dual cross cylinder for high efficiency

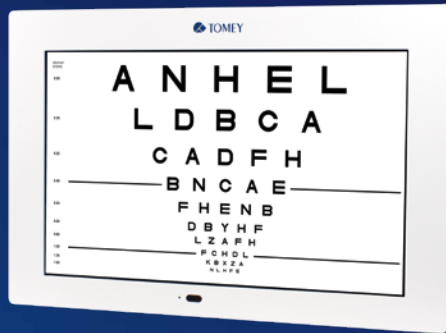# TCP-4042
Automated Chart Projector

+ Bright and clear chart projection

+ Smart selection of 42 charts

+ Connection to TAP-2000

+ Refined design and compact size

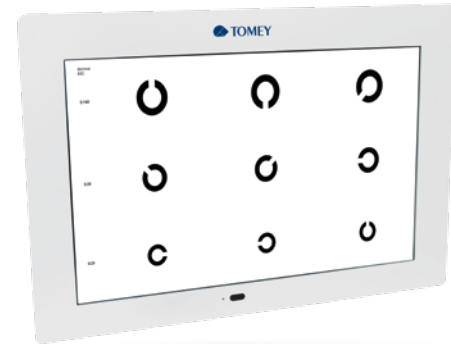+ Convenient focus adjustment

+ Maintenance-free LED light

TCP-2000A
Chart Panel

- **+** Programmable display sequences
- **+** Comprehensive test selection
- **+** Multimedia tool
- **+** Colour vision test charts
- **+** Contrast sensitivity test
- **+** Non-reflecting display
- **+** Custom test report function
- **+** 24" / 60.96 cm

TCP-2000P
Polarising Chart Panel

- **+** High-quality LCD
- **+** Colour vision test chart
- **+** Extensive polarised test chart selection
- **+** Programmable display sequences
- **+** Integrated computer
- **+** Driver's license test equipment (optional)
- **+** 23" / 58.42 cm

TCP-3000P/TCP-3000PX
Polarising Chart Panel

+ Extensive polarising test chart selection

+ High-quality LCD

+ Integrated computer

+ Multimedia tool

+ Colour vision test chart

+ Printable test reports

+ Programmable display sequences

+ Multi-lingual user interface

+ Full MKH test (TCP-3000PX)

+ Large non-fixation monitor frame (TCP-3000PX)

+ 23" / 58.42 cm

TCP-4000/TCP-4000P
Chart Panel/Polarising Chart Panel

+ Bluetooth or WiFi connection to TAP-2000

+ Large variety of vision tests

+ Red-Green and/or polarising tests

+ Snellen Charts, ETDRS, Crowding Bars

+ Low vision charts

+ Colour vision tests

+ Programmable chart sequences

+ Accurate linear polarisation (TCP-4000P)

+ MKH test sequence (TCP-4000P)

+ 24" / 60.96 cm

TL-6000/TL-7000
Automated Lensmeter

TL-7000

TL-6000

+ Wavefront technology with Hartmann sensor (117 points)

+ Simultaneous measurement of UV/Blue light and lens power

+ Lens mark recognition support

+ LAN and RS-232C connection

+ WiFi connection and PD measurement for TL-7000 only

TL-6100/TL-7100
Automated Lensmeter

TL-7100

TL-6100

+ Shack-Hartmann wavefront sensor technology (145 points)

+ Measurement of UV and blue light transmittance

+ Universal lens marking tool

+ RS-232C connection to PC and TAP-2000

+ WiFi connection and PD measurement for TL-7100 only

TSL-900H/TSL-900Hdigital
Slit Lamp

TSL-900H

TSL-900Hdigital

+ HD optical system

+ LED illumination

+ Built-in yellow filter

+ Red-free, neutral-density, blue, IR heat-absorbing filter

+ High-resolution digital imaging system with 5.0/12.0M Pixel (TSL-900Hdigital only)

TSL-900Z
Slit Lamp

+ HD optical system

+ LED illumination

+ Built-in yellow filter

+ Red-free, neutral-density, blue, IR heat-absorbing filter, diffuser

+ Ergonomic operation

TSL-4000H/TSL-4000Z
Slit Lamp

TSL-4000Z

TSL-4000H

+ 3-step magnification changer

+ Elegant design

+ Integrated yellow filter

+ Exceptional optics

+ Outstanding reliability

+ LED illumination

+ Extensive filter and accessory set

TSL-7000H/TSL-7000Hdigital
Slit Lamp

TSL-7000Hdigital

TSL-7000H

+ Exceptional optics

+ 5-step magnification

+ LED illumination

+ Extensive filter and accessory set with integrated yellow filter

+ Workstation with application software (TSL-7000Hdigital)

+ Integrated, highly sophisticated camera system (TSL-7000Hdigital)

TSL-7000Z/TSL-7000Zdigital
Slit Lamp

TSL-7000Zdigital

TSL-7000Z

+ 5-step magnification

+ Extensive filter and accessory set with integrated yellow filter

+ Workstation with application software (TSL-7000Zdigital)

+ Integrated, highly sophisticated camera system (TSL-7000Zdigital)

+ Elegant design

+ Exceptional optics

+ LED illumination

TAT-80R AND TAT-100R/T
Applanation Tonometer

+ Gold standard in IOP measurement

+ Best reproducibility and accuracy

+ Reliable and durable

Trial Lens Set 266 / Trial Frame 10
Refraction Accessory

Perimeter Lens Set 68
Refraction Accessory

+ Carrying case equipped with a wooden tray

+ Compatible with TOMEY Trial Frame 10

+ 266 pieces of trial lenses with plastic rims of 38 mm diameter

+ Trial Frame 10 offers space for a total of 10 trial lenses

+ Two cross cylinders and a microfiber cloth

+ Many adjustment options

+ 68 lenses with thin metal frames

+ Suitable for people with ametropia

+ Fits perfectly into lens holders in all TOMEY perimeters

+ Includes a microfiber cloth

Furniture

TOMEY furniture provides a stable base for measuring instruments and supports the safe performance of the eye examinations.

"TIMELESS, FUNCTIONAL, RELIABLE – THESE ARE THE BENEFITS OF TOMEY FURNITURE."

Kathrin Seybold

PRODUCT MANAGER,
OPHTHALMIC OPTICS & OPTOMETRY

TRU-800
Refraction Unit

+ Easy to install
  (right or left)

+ Includes chair SC-1000

+ Magnetic table lock

+ Space-saving (1.08 m^2)

+ Timeless and modern
  design

TRU-1000
Refraction Unit

+ Pre-configured for
  TOMEY equipment

+ Easy to install
  (right or left)

+ Includes chair
  ER-3000

+ Compact and timeless

+ Fresh and modern
  design

TRU-2000
Refraction Unit

+ Smart and compact

+ Pre-configured for
  TOMEY equipment

+ Personal touch with
  its own internal
  LED light

+ Easy to install (right or left)

+ Timeless and remarkable

+ Comfortable motorised
  chair ER-1000 with tilting
  action

TRU-2500
Refraction Unit

+ Electromagnetic
  break for device table

+ Electrical height
  adjustment of device
  table

+ Electrical reclinable
  and rotatable chair
  ER-1000R (manual
  rotation 90 degrees)

+ Personal touch with
  its own internal
  LED light

TTUD-1000/TT2C-1000/TT2C-800
Electric Lift Table

TTUD-1000

TT2C-800

TT2C-1000

+ Fits perfectly
   for ultrasound line

+ Drawer for safe
   storage of probes

+ Holder for tissues and
   cleaning fluids

+ Optimised space for
   recommended Mitsubishi
   P95DE video printer
   (USB)

+ Vertically adjustable
   electric tables with
   two columns

+ Ideal for operating
   with two systems

+ Very useful for
   wheelchair access

+ Maximum load: 90 kg

+ Optional shelves for
   cables and accessories
   available (only for
   TT2C-800/TT2C-1000)

TT-1060/TT-4060/TTVS-1000
Electric Lift Table

TT-4060

TT-1060

TTVS-1000

+ Vertically adjustable
   electric lift tables

+ Maximum load: 65 kg

+ Optional shelf for
   printer available
   (only for TT-1060)

Notes

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You + eye.
We care.

TOMEY

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TOMEY GMBH

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