

OPTICAL BIOMETER OA-1000

OCT OPTICAL ANALYSER

DELIGHT IN SIGHT

Fully automated, fully integrated.
Fulfilling your daily need.



- Auto alignment & auto shot
- Dense cataract mode
- Communicates with Tomey topography & ultrasound biometer
- Auto detection of optical axis
- Automated trace analysis
- IOL calculation via OKULIX ray tracing

 **TOMEY**
TECHNOLOGY AND VISION

THE TOMEY OPTICAL BIOMETER OA-1000



QUALITY IN DETAIL

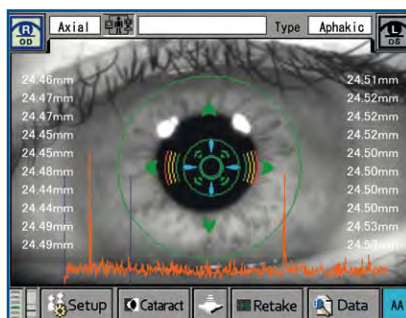
Automated optical biometry

Optical biometry is now fully automated. Due to the auto alignment and auto shot function, the **OA-1000** guarantees the correct alignment on the visual axis. **OA-1000** – the easiest and fastest way to measure axial length, ACD and pachymetry.

Complete diagnostic solution

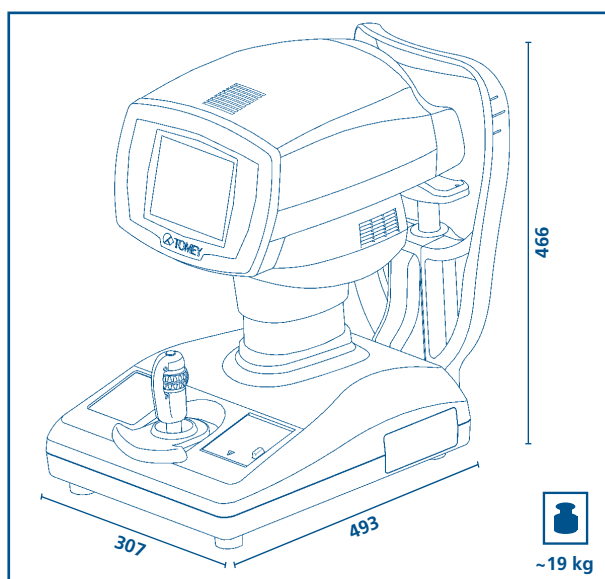
You can combine the **OA-1000** with many other Tomey diagnostic instruments. Functional combinations can be:

- **OA-1000** with ultrasound biometer. With this combination you will receive measurement data in every condition of the eye. Where optical biometry reaches its limits due to dense optical media, the ultrasound biometer takes over.
- **OA-1000** with PC. You can use the physical data measurement by **OA-1000** to do the biometry calculation on a separate PC/notebook with the optional biometry software.
- **OA-1000** with topographer TMS-4/TMS-5. To simplify IOL calculation the optical biometry is combined with high resolution topography. With the integrated Okulix Ray tracing software and the included huge IOL database, the exact IOL power is displayed within seconds – independent of the physical (axial length) and optical (i.e. refractive surgery) conditions of the eye.



Auto alignment and auto shot makes optical biometry easy as 1-2-3

DIMENSIONS



SPECIFICATIONS

AXIAL LENGTH MEASUREMENT

Measurement area	14 - 40 mm
Display resolution	0.01 mm

ANTERIOR CHAMBER DEPTH MEASUREMENT

Measurement area	1.5 - 7.0 mm
Display resolution	0.01 mm

CORNEAL THICKNESS MEASUREMENT

Measurement area	200 - 1200 μ m
Display resolution	1 μ m

MAIN UNIT

Built-in printer	Built-in thermal printer
Display	VGA colour TFT LCD
Dimension (WDH)	307 x 493 x 466 mm
Weight	approx. 19 kg

POWER SOURCE

Voltage	100 VAC - 240 VAC
Frequency	50 / 60 Hz
Power consumption	160 VA

COMMUNICATION WITH

Topography system TMS-4
Scheimpflug Topographer TMS-5
Ultrasound Biometer AL-3000 / AL-4000
Tomey software TB-1000

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