DELIGHT IN SIGHT

Reliable.
User-friendly.

TOMEY

TOP-1000

- 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

TOMEY

NON-CONTACT TONOMETER WITH PACHYMETRY TOP-1000

QUALITY IN DETAIL

By combining soft air puffing, 3D auto-tracking, and a Scheimpflug camera,   TOP-1000 delivers excellent IOP measurements that are corrected for central corneal thickness.

SPECIFICATIONS

INTRAOCULAR PRESSURE MEASUREMENT

Measurement range	1 – 60 mmHg
Measurement range setting	Auto/30 mmHg/60 mmHg
Measurement principle	Air puff method
Display units	mmHg/hPa
Working distance	11 mm

CENTRAL CORNEAL THICKNESS MEASUREMENT

Measurement range	400 – 800 µm
Measurement principle	Slit image on central cornea
Light source	Blue LED

MAIN UNIT

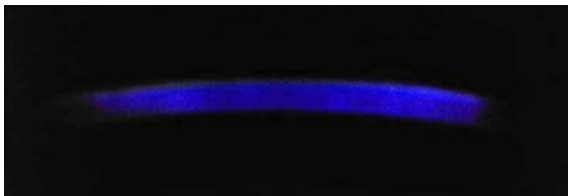|	
Measurement mode	Fully automatic/Automatic/Manual
Alignment	Fully automatic 3D tracking
Chin rest	Motorized 10.1" touch LCD screen
Display	Thermal line printer with auto-cutter
Printer	Internal LED fixation light
Eye fixation target	Front/Back: 40 mm Left/Right: 90
Operation movement range	mm Up/Down: 30 mm Up/Down: 70 mm USB, RS-232
Chin-rest movement range	
Interface	

DIMENSIONS AND ELECTRICAL REQUIREMENTS

Dimensions WDH	282 mm x 500 mm x 500 mm
Weight	17 kg
Power supply	AC 100 V to 240 V (1.1 A~1.9 A), 50/60 Hz

SOFT AIR PUFF AND 3D AUTO-TRACKING

The right amount of air is determined for each individual eye to make the IOP measurement as soft as possible. Thanks to 3D auto-tracking, measurement is extremely fast, easy, and efficient.
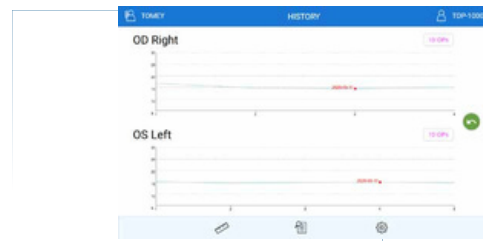
10.1" LCD TOUCH SCREEN

All controls are displayed on the 10.1" LCD touch screen, which is very responsive and makes it easy to access the patient database.

PACHYMETRY

TOP-1000 provides auto CCT measurement using the Scheimpflug camera's technology. TOP-1000 displays the corrected IOP value that takes the central corneal thickness into account.

CONNECTIVITY

TOP-1000 has a built-in printer with an auto-cutter, an RS-232 export function, and an integrated data base for displaying the patient's history of IOP.