

# NON-CONTACT TONOMETER WITH PACHYMETRY TOP-1000

FULLY AUTOMATED TONOMETER WITH PACHYMETRY

## DELIGHT IN SIGHT

Reliable.  
User-friendly.



- 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

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

#### CENTRAL CORNEAL THICKNESS MEASUREMENT

<b>Measurement range</b>	400–800 $\mu$ m
<b>Measurement principle</b>	Slit image on central cornea
<b>Light source</b>	Blue LED

#### MAIN UNIT

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

#### DIMENSIONS AND ELECTRICAL REQUIREMENTS

<b>Dimensions WDH</b>	282 mm x 500 mm x 500 mm
<b>Weight</b>	17 kg
<b>Power supply</b>	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.



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