# **NON-CONTACT TONOMETER WITH PACHYMETRY TOP-1000**

**FULLY AUTOMATED TONOMETER WITH PACHYMETRY** 



- 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



# 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 principleAir puff methodDisplay unitsmmHg/hPaWorking distance11 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

**Display** 10.1" touch LCD screen

**Printer** Thermal line printer with auto-cutter

Eye fixation targetInternal LED fixation lightOperation movement rangeFront/Back: 40 mm

Left/Right: 90 mm Up/Down: 30 mm

Chin-rest movement rangeUp/Down: 70 mmInterfaceUSB, RS-232

# **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.



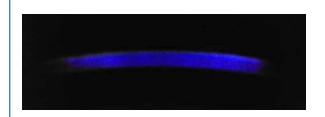
# 10.1" LCD TOUCH SCREEN

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.



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