

RODENSTOCK Instruments



TopaScope®

Non-Contact Tonometer
with Pachymetry

Making analysis
fashionable

R RODENSTOCK

optohellas
Worldwide Representation Platform

The TopaScope[®]: Tune up your business



What are your benefits?

Compete with online stores and your competitors by providing more added value.



2 in 1 combination
Compensated IOP by
CCT measurement



Consistent quality
Measurements you
can rely on



Added value
Offer new services and in -
crease customer frequency



Saves time
Get the measurements
done quickly



Competency
Acquire more expertise in
the field of vision screening



Intuitive operation
User-friendly application

“With TopaScope
we have substantially
expanded our
screening portfolio.”

Your digital
partner in
consulting.

optohellas
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Outstanding features

IOP measurement

Intraocular pressure measurement by a soft air puff with no contact

Pachymetry

Central corneal thickness (CCT) measurement using Scheimpflug technology

Printer

Built-in thermal printer with auto-cut function

Fully automatic

3D auto-tracking and auto-measurement with one touch

Database

All measurements are stored in the internal database

User interface

All controls are performed by the very user-friendly interface on the 10.1" touch panel



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

Printer	Thermal line printer with auto cutter
Eye fixation target	Internal LED fixation light
Operation movement range	Front / Back: 40 mm Left / Right: 90 mm Up / Down: 30 mm
Chin-rest movement range	Up / Down: 70 mm
Interface	USB, RS-232

PACHYMETRY MEASUREMENT

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

DIMENSIONS AND ELECTRICAL REQUIREMENTS

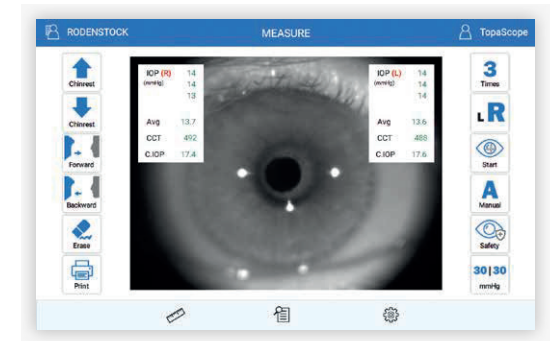
Dimensions (W × D × H)	282 mm (W) × 500 mm (D) × 500 mm (H)
Weight	17 Kg
Power supply	AC100 V to 240 V (1.1 A~1.9 A) 50/60 Hz

MAIN UNIT

Measurement modes	Full auto / Auto / Manual
Alignment	Fully automatic 3D tracking
Chin rest	Motorised
Display	10.1" LCD touch screen

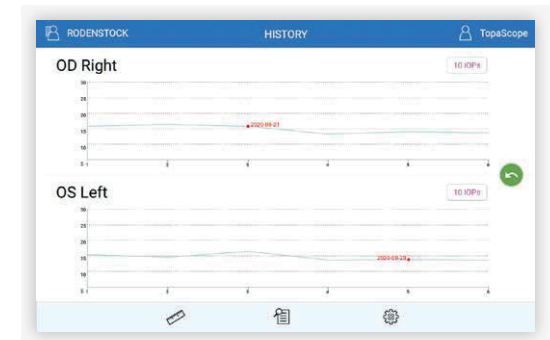
User interface

The graphic control panel can be operated very intuitively by touch command.



Database

All measurements are stored in the database. This allows for an attractive presentation of the IOP progression.



Auto CCT measurement

The central corneal thickness (CCT) is automatically measured by the Scheimpflug camera and is used to compensate the IOP.

