Frey

CE 1434

MANUFACTURED IN EUROPEAN UNION

CLair CLEAN-AIR SYSTEM



Non-contact Tonometer with Pachymetry

TNP-200

freymedical.eu

CLair

CLEAN-AIR INNOVATION FROM FREY

Innovative clean air-system
Soft-air puff
Auto CCT measurement for IOP correction
Auto-adjusting & auto mode
LAN/ Wi-Fi connection & printer

The TNP-200 is the new benchmark non-contact Tonometer with Pachymetry. Intelligent and innovative. Intuitive and easy to use. Designed to optimize patient safety and improve cleanliness of the device. CLair is a clever solution for clinicians and their patients.



TNP-200

PATIENT'S IOP

Tonometer with Pachymetry. One device, easy to use.

The FREY TNP-200 encompasses the seamless and compact integration of a non-contact tonometer and a pachymeter. The TNP-200 measures intraocular pressure (IOP) values automatically and reliably, thanks to accurate CCT (Central Corneal Thickness) results. The TNP-200 delivers precise and reliable corneal thickness measurement.

Unique clean air system

CLair, an innovative air puff system that keeps the air pathway clean. As nothing can enter the device, the probability of disease transmission between patients and the eyes is significantly reduced.

Fully automated CCT measurement

The pachymeter function allows clinicians to receive correct IOP results quickly and accurately. The TNP-200 can be easily programmed to suit the clinician's preferences. Choose between two correction methods: Dresdner and Elsheikh.

APA

Automatic Pressure Adjustment (APA) system is an intelligent air power matching solution that minimizes the patient's discomfort and adjusts the examination to their individual needs.

Image preview

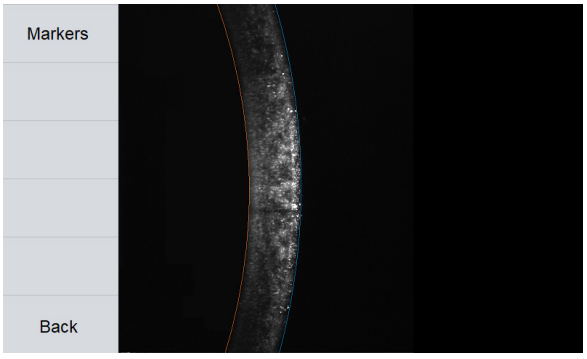
The TNP-200 image preview of pachymetry results are quickly accessible during the examination.

Fast one-click auto-measure

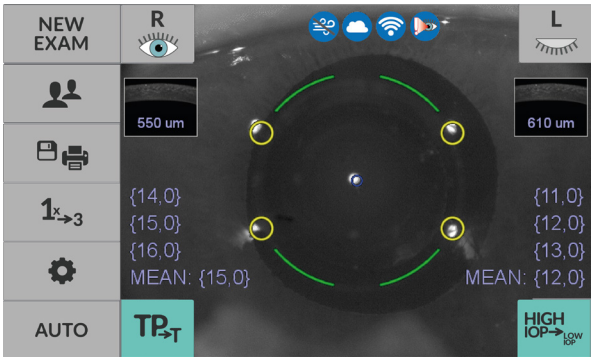
The TNP-200 is intuitive and effortless to operate, featuring a fully automated alignment system and measurement function. Pupil auto-tracking makes examination performance even easier.

Wi-Fi & LAN connectivity

Connect to a local network via LAN or Wi-Fi for easy export and import of exams results.

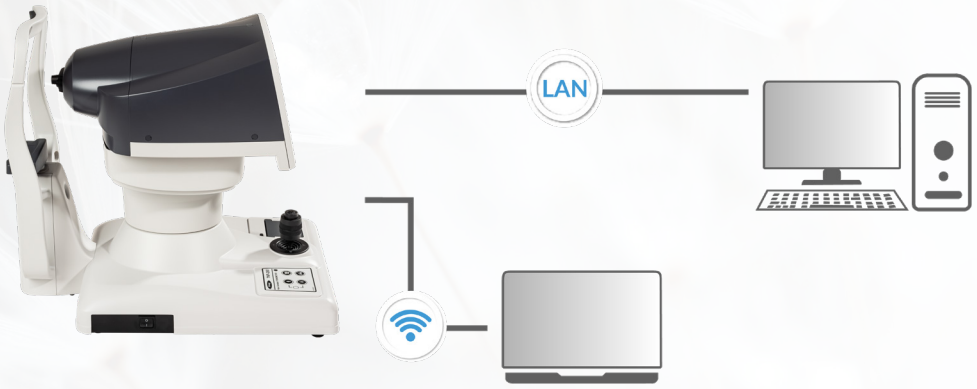


An image of the cross-section of the cornea.



The main screen of TNP-200 is clear, intuitive and simple.

TNP-200 connectivity



TNP-200 technical specification

Device type	TNP-200 non-contact Tonometer with Pachymetry	
Measurement range	0 - 60 mmHg (0 - 80hPa), 150-1300 µm	
Measurement resolution	1 mmHg, 1 µm	
Main unit	Dimensions H/W/L	460 x 300 x 480 mm
	Weight	18 kg
Power source	100-240VAC 50/60 Hz	
Power consumption	60 W	
Power supply unit	External, medical power supply adapter INPUT: 100-240V ~1,5A OUTPUT: 12V ⎓5A	
Printer	Built-in, thermal	
Display	7” colour LCD with touch screen	
Measuring unit travel distance	85 mm (X axis); 40 mm (Y axis); 50 mm (Z axis)	
Chin rest travel distance	69 mm (up/down)	
Chin rest	Electrically regulated (up/down)	
Storage devices	Internal flash	
Database capacity	Up to 3500 patients x 100 exams x 3 measurements (for each eye) Data format: XML	
Connectivity	Wi-Fi, LAN	

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