



CE
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Non-contact TonoPachymeter TNP-200

CLair



CLEAN AIR SYSTEM FROM FREY

- innovative clean air system
- quiet & soft air puff
- auto CCT measurement for IOP correction
- auto-adjusting & auto mode
- LAN/ Wi-fi connection & printer

TNP-200 is the new benchmark TonoPachymeter. World class innovative design to optimize patient safety and improve cleanliness of the device. CLAIR is a new and unique world class solution for clinicians and their patients.



TNP-200

TRUE IOP

Tonometer. Pachymeter. One, easy to use device.

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

CLAIR

UNIQUELY CLEAN AIR PUFF

CLair, innovative air flow system, enables TNP-200 to remain clean and resistant to draw in undesirable airborne aerosols and particles. The system is automatically cleaned with air constantly when the device is turned on.

When TNP-200 not operational, FREY provides a specially designed plug to seal the device, when not in use. The plug is holding on to the beak by itself. Mounting and taking off is easy.

QUIET & SOFT PUFF

Gentle puff, almost imperceptible for the patient.

FAST ONE-CLICK AUTO-MEASURE

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

FULLY AUTOMATED CCT MEASUREMENT

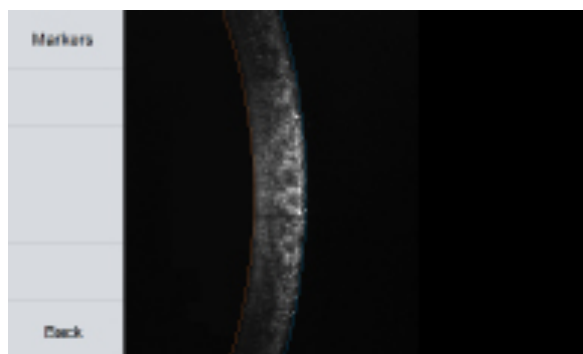
Pachymeter function allows to receive correct IOP results - this is crucial when it comes to patients with cornea thicker or thinner than average. TNP-200 can be programmed according to user's preferences. It is possible to choose between two correction methods: Dresdner and Kohlhaas.

PHOTO PREVIEW WITH DETAILS

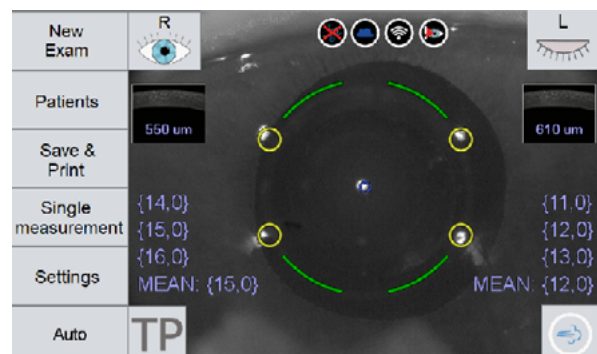
TNP-200 provides preview of pachymetry results during the examination.

WI-FI & LAN CONNECTIVITY

Built-in Wi-Fi and LAN modules enable easy export of data from the device database to another device, cloud and FREY proprietary software Eyemager, using Bluetooth or LAN.

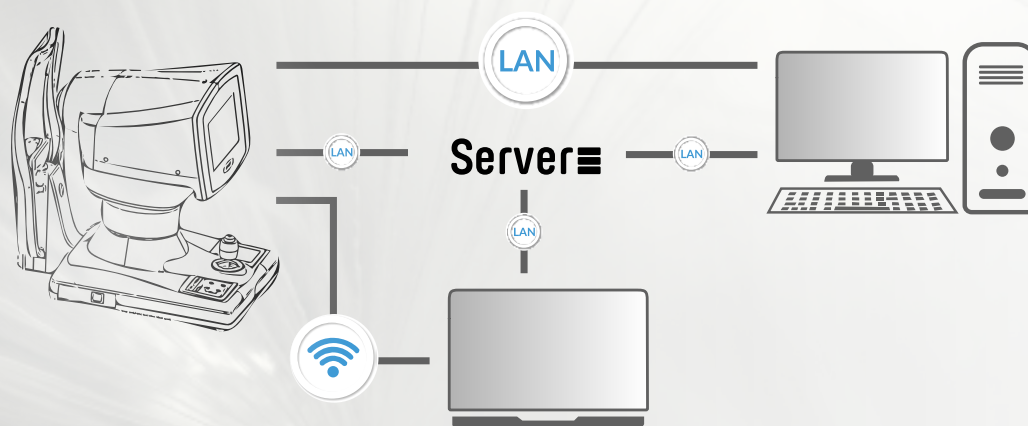


Markers underline area of clinical interest.



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

TNP-200 connectivity



TNP-200 technical specification

Device type	TNP-200 Non-contact Tonopachymeter	
Measurement range	0 - 60 mmHg (0 - 80hPa), 150-1300 μ m	
Measurement resolution	1 mm, 1 μ m	
Main unit	Dimensions H/W/L	460 x 300 x 480 mm
	Weight	18 kg
Power source	100-240VAC 50/60 Hz	
Power consumption	Max 45VA	
Power supply unit	External, medical power supply adapter INPUT: 100-240V ~1,5A OUTPUT: 12V \approx 5A	
Printer	Built-in, thermal	
Display	7" color 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 4000 patients x 100 exams x 3 measurements (for each eye) Data format: XML	

DISTRIBUTORE ESCLUSIVO PER L'ITALIA

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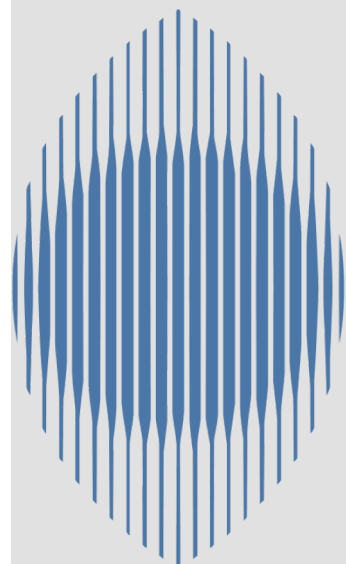
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