

Air is free



TonoCare 2.0

Wireless non-contact Tonometer

Keeler

The New and Improved Keeler TonoCare 2.0

2.



“Easy to use, portable and convenient.”

Kerrin Walker, Dispensing Optician and Store Manager, Vision Express

Leaders in the field of tonometry, Keeler is delighted to present its most advanced hand-held tonometer to date.

TonoCare 2.0

The new and improved TonoCare 2.0 is set to revolutionise the hand-held market.

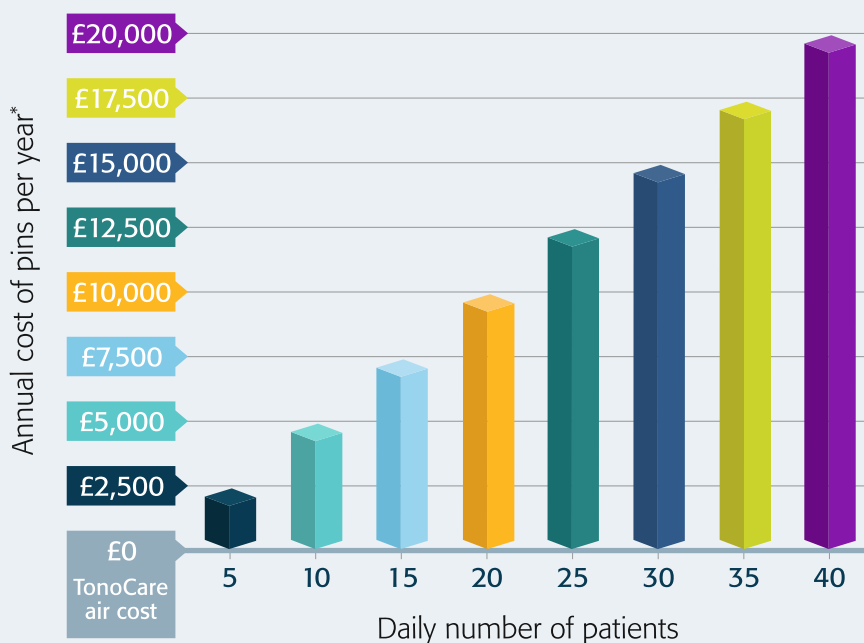
Designed and built with patient comfort in mind, the 2.0 is even simpler to use with reduced learning time and faster, accurate and reliable readings. Whatever the mobility of the patient and wherever it's being used, the TonoCare 2.0 offers exceptional performance time and time again.

Excellence in manufacturing experience and quality

Keeler is a world leader in the design, development and manufacture of ophthalmic equipment. For over 100 years, Keeler has invested heavily in R&D, to bring innovative, highly reliable products to the market, all built to precise specifications in their factory in Windsor, UK.



Potential running cost savings per year using TonoCare 2.0



* Data on file, Keeler.

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Rebound tonometry can get expensive! In addition to the base cost of a rebound tonometer, disposable pins have to be purchased on a regular basis. Each patient requires two pins, one per eye, to prevent cross contamination. If a practice sees one patient a day they are purchasing 624 pins a year. A practice that sees 40 patients a day purchases at least 24,960 pins per year. The cost for that many pins is exorbitant.

Why spend that much money when you don't have to? The Keeler TonoCare uses air puff technology eliminating any reoccurring costs. Not only is the air free, but there is no risk of cross contamination between eyes.



“When using the TonoCare,
the results we got
were very accurate”

Marina Khan, Optometrist, Vision Express

Jet engine technology

The TonoCare 2.0 has a unique converging nozzle design, more commonly seen in jet engines, to deliver the puff of air to the exact location on the eye. Teamed with the quick and effective positioning system, reliable measurements can be taken in seconds.





Features and benefits



Easy to use

Learn to use the TonoCare 2.0 in three simple steps, ensuring users can be fully trained in a matter of minutes. The lightweight, yet robust, hand-held form means it quickly and easily adapts to use in many different environments.



Speed of use

The TonoCare 2.0 is ready to use in less than 10 seconds after being switched on and readings for both eyes can be achieved in as little as 30 seconds.



Free from running costs

Air puff technology means no sterile consumables are required, keeping ongoing costs to a minimum. No pins or probes are required.



Patient comfort

The highly portable unit allows measurements to be taken wherever the patient is most comfortable; whatever environment they are in. The sleek product profile means the clinician can maintain visual contact with the patient at all times, enabling them to reassure the patient throughout the measurement process.



Accuracy

The TonoCare 2.0 uses advanced optical and sensor technology for positional detection and puff control. Clear user controls and a colour internal display combine to provide exceptional usability.



Patient safety

Safety is always front of mind for Keeler. The non-contact TonoCare 2.0 ensures a minimal risk of eye damage or cross contamination.

Docking Station

- Dedicated charger stand
- Instantaneous data transmission
- Cordless IR connection to printer
- Option of data output via USB to a computer

The TonoCare 2.0 comes with its own dedicated charger stand with inbuilt printer that can either be placed on a desk or wall mounted. The power connector is interchangeable and can be connected to the hand unit directly or plugged into the docking station so the unit charges automatically when placed in the stand.

The docking station also features a 'test eye' which can be used by the operator to practice using TonoCare.

INBUILT
PRINTER



Technical Specification

TonoCare System

Measurement Range	5mmHg to 50mmHg
Measurement Distance	~11mm from eye
Equipment Standard	Conforms to BS EN ISO 8612

Electrical

Input Voltage Range	100-240V (50/60Hz)
Power Rating	4.6 – 7.4VA
PC Interface	USB

Hand Unit Dimensions Docking Station Dimensions

Width 136mm	Width 155mm
Depth 206mm	Depth 183mm
Height 220mm	Height 153mm
Weight 1.0kg	Weight 0.725kg

Classification and Safety Standards

Complies with	EN60601-1, UL60601-1
Equipment Classification	Class II
Mode of Operation	Continuous
Protection against Ingress	IPX0 (Hand Unit and Docking Station)

Environmental Conditions

Operating Temperature	+10°C – +35°C
Storage Temperature	-10°C – +55°C
Relative Humidity	10% to 95% (storage) 30% to 90% (operating)
Atmospheric Pressure	700hPa to 1060hPa (storage) 800hPa to 1060hPa (operating)

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Ph.: +91 755 4256391, +91 9302778762, +91 9111429222, Email: info@mediequipbazar.com, export@mediequipbazar.com
Website: www.mediequipbazar.com