

2.0



TonoCare 2.0

Wireless Non-Contact Tonometer

Keeler
— A world without vision loss —

TonoCare 2.0

The Keeler Non-Contact Tonometer is indicated for measuring intraocular pressure without contacting the eye to aid in the screening and diagnosis of Glaucoma.

Key features

- Designed, engineered and built in the UK**
- Easy to use**
 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.
- Patient comfort**
 The highly portable unit allows measurements to be taken wherever the patient is most comfortable.
- 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**
 The TonoCare 2.0 comes with its own dedicated charger stand which includes cordless IR connection to the printer, instantaneous data transmission and the option of data output via USB to a computer.



Docking Station with inbuilt printer



TonoCare 2.0 with adjustable headrest

Exceptional usability

Specifications

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

Environmental Conditions

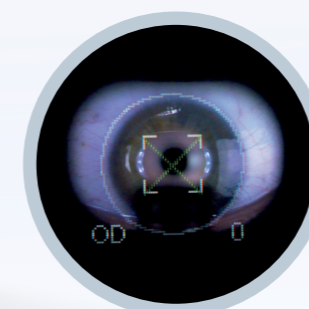
OPERATING TEMPERATURE	+10°C to +35°C
STORAGE TEMPERATURE	-10°C to +55°C
RELATIVE HUMIDITY	Storage 10% to 95% Operation 30% to 90%
ATMOSPHERIC PRESSURE	Storage 700hPa to 1060hPa Operation 800hPa to 1060hPa

Dimensions and Weight

HAND UNIT	190 x 145 x 190mm (HxWxD) Weight 1.0kg
DOCKING STATION	160 x 150 x 180mm (HxWxD) Weight 2.465kg

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)



View of the internal display



Easy to use control buttons and digital display



Part Numbers

TonoCare 2.0 Wireless Non-Contact Tonometer

2418-P-2000 TonoCare unit

Accessories

- 2418-P-5002 Dock
- 2418-P-7000 Headrest
- EP29-32777 Power supply kit
- 3418-P-7000 TonoCare carry case
- 2415-P-7038 Tonometer face shield
- 2208-L-7008 Printer paper roll



TonoCare 2.0 Overview

The Keeler TonoCare 2.0 is a screening device used for measuring intraocular pressure which is one of the key biomarkers considered in diagnosing glaucoma.

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.

What's in the box?

- Tonocare unit
- Docking station for the unit
- Headrest
- Power supply kit
- USB cable
- Instruction USB
- Rubber eyepiece
- Wall mount Kit
- Face shield
- USB PC cable
- Printer paper roll

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