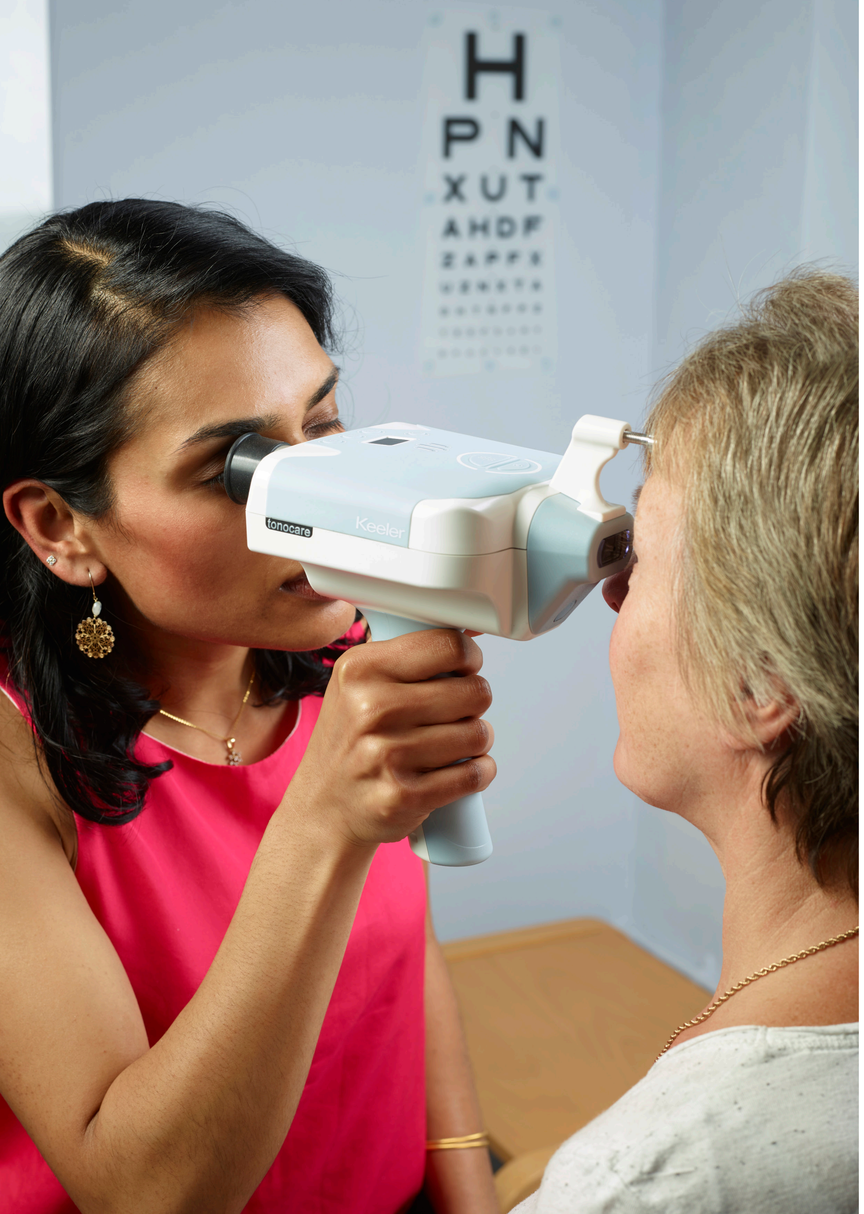

Docking Station

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

The TonoCare 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 handunit 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.

Technical Specification

TonoCare System

Measurement Range 5mmHg to 50mmHg

Measurement Accuracy +/- 2.5mmHg on rubber eyes

Measurement Distance ~11mm from eye

Electrical

Input Voltage Range 100-240V (50/60Hz)

Power Rating 4.6 – 7.4VA

PC Interface USB

Hand unit Dimensions

Width 136mm

Depth 206mm

Height 220mm

Weight 1.0kg

Docking Station Dimensions

Width 155mm

Depth 183mm

Height 153mm

Weight 0.725kg

Classification & Safety Standards

Complies with EN60601-1, UL60601-1

Equipment Classification Class 11

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)

Sterilization

Equipment meeting standards BS EN ISO 8612

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TonoCare

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

VIEW OF THE INTERNAL DISPLAY THROUGH THE EYEPIECE

The TonoCare is set to revolutionise the hand-held market. Designed and built with patient comfort front of mind, the TonoCare is truly simple to use and gives consistently fast, accurate and reliable readings. Whatever the mobility of the patient and wherever it's being used, the TonoCare 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 exacting specifications in their factory in Windsor, UK.

Features

Ease of use

Easy to follow instructions and intuitive controls ensure 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

Thanks to Keeler's significant investment in the development of the product, the TonoCare is ready to use in less than 10 seconds after being switched on; readings for both eyes can be achieved in 90 seconds.

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.

Usage cost

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

Patient safety

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

Accuracy

The TonoCare 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.