

Keeler

Free  
Air  
For You

## Free Air with the TonoCare

Wireless non-contact Tonometer







H  
P N  
X U T  
A H D F  
E A P P E  
K E N S T A  
L I C H O O  
D E E E E E E  
D E E E E E E

tonocare Keeler



# TonoCare

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

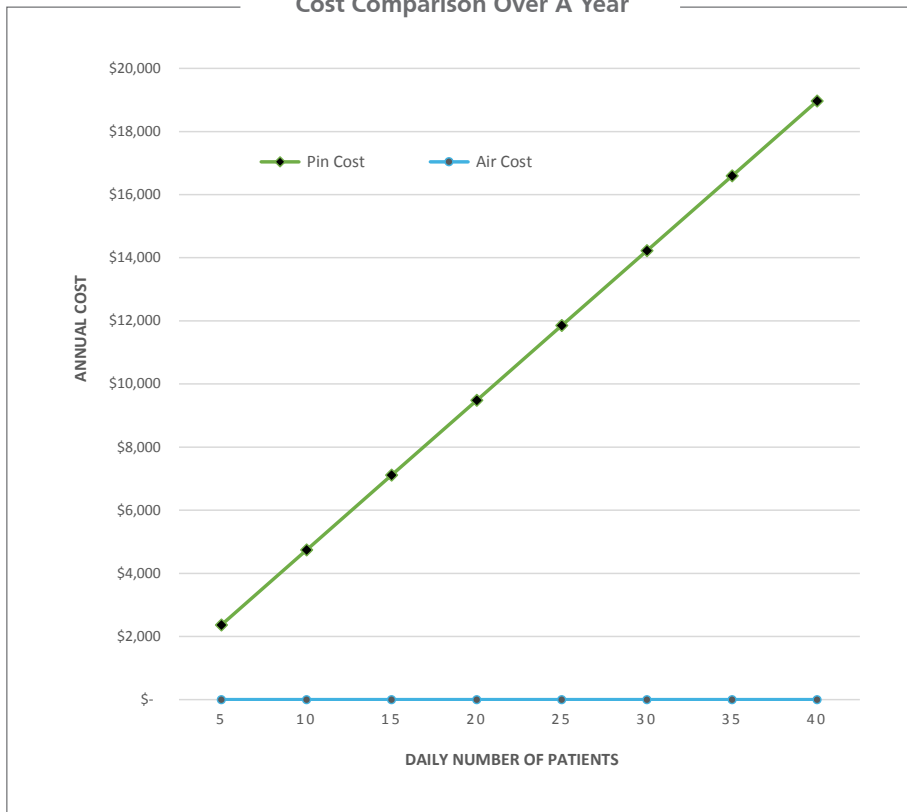
The TonoCare is set to revolutionize the hand-held market. Designed and built with patient comfort in mind, the TonoCare is truly simple to use and gives consistently fast, accurate and reliable readings. Whatever the mobility of the patient and wherever it's being used, the TonoCare offers exceptional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



Cost Comparison Over A Year



## Using air saves you money

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.

# 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.



## USAGE COST

Unlike rebound tonometers, air puff technology does not require sterile pins, keeping ongoing costs to a minimum.



## 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 uses advanced optical and sensor technology for positional detection and puff control. Clear user controls and a colored internal display combine to provide exceptional usability.



## 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 30 seconds.



## PATIENT SAFETY

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





DIGITAL DISPLAY



ADJUSTABLE FOREHEAD REST

FRONT WINDOW AND PUFF TUBE

ILLUMINATION LEDs

IR TRANSMITTER



Item #2418-P-2000

# 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 built in 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.



## 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

**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 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)

## Got a question? - Contact us

Keeler Instruments Inc.

3222 Phoenixville Pike

Building 50, Malvern

PA 19355 USA

Toll Free: 1 800 523 5620

Tel: 610 353 4350

Fax: 610 353 7814

Email: keeler@keelerusa.com

Website: www.keelerusa.com

Keeler Ltd.

Clewer Hill Road, Windsor

Berkshire, SL4 4AA, UK

Tel: +44 (0) 1753 857177

Fax: +44 (0) 1753 827145

Email: info@keeler.co.uk

Website: www.keeler.co.uk

**Keeler**  
www.keelerusa.com