

**icare**  
**ic100**



**THE TONOMETER –  
PROFESSIONALS' CHOICE**

NO ANESTHESIA  
NO AIR PUFF



## THE TONOMETER

*The new Icare® ic100 tonometer is a professional's choice.*

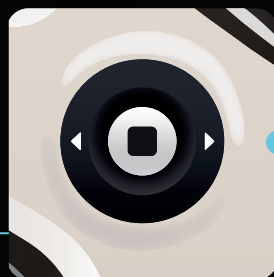
*The device uses the same patented rebound technology that eye care professionals have come to trust. Measuring with Icare® ic100 requires no drops, air or specialized skills for its use. The new ergonomic design and user interface bring IOP measuring to a new level.*

## KEY FEATURES



### Icare® AMS

Automatic measuring sequence:  
series and single mode with  
one button



### Icare® EasyNav

Advanced navigation  
interface



### Icare® EasyPos

Intelligent Positioning assistant  
for the correct alignment  
of the tonometer



# icare ic100 PROFESSIONALS' CHOICE

## EASY TO USE:

- + JUST LOAD, ALIGN AND MEASURE.
- + NO DROPS, AIR OR CALIBRATION NEEDED.
- + CONSISTENT/REPEATABLE.

## PATIENT'S CHOICE:

- + NO CORNEAL DISRUPTION.
- + SUITABLE FOR ANY KIND OF PATIENT.
- + NOT MADE WITH NATURAL RUBBER LATEX.





# STUDY FINDINGS

+ “Intraocular pressure (IOP) readings obtained by an Icare tonometer in our study have shown reasonable concordance with Goldmann applanation tonometry (GAT). Overestimation of IOP measured by rebound technology as compared with GAT is directly proportional to IOP. As the I-care [sic] tonometer measured IOP with good accuracy, it may be considered as an appropriate method for clinical use in normal subjects and glaucoma patients.”

JOURNAL OF GLAUCOMA, December, 2014

+ “The use of Icare tonometry decreased the need of EUAs to evaluate children with glaucoma and significantly increased successful IOP measurement in clinic.”

J AAPOS, 2012

+ “The Icare Instrument was easy to use and was able to obtain rapid and consistent readings with minimal training. It was tolerated well by patients with no use of topical anesthetic.”

JOURNAL OF GLAUCOMA, Jan/Feb, 2008

+ “The Icare is easy to handle and high reliability. The data are comparable with those from the [Goldmann applanation tonometry].”

OPHTHALMOLOGE, April, 2007



# Icare ic100 TECHNICAL DATA

MODEL NAME	TA011
DIMENSIONS	24 - 29 mm (W) * 35 - 95 mm (H) * 215 mm (L)
WEIGHT	140 g (without batteries), 230 g (4 x AA batteries)
POWER SUPPLY	4 x AA non-rechargeable batteries, 1.5V alkaline LR6
MEASUREMENT RANGE	7-50 mmHg
ACCURACY	±1.2 mmHg (≤20 mmHg) and ±2.2 mmHg (>20 mmHg)
REPEATABILITY (coefficient of variation)	< 8 %
ACCURACY OF DISPLAY	1 mmHg
DISPLAY UNIT	Millimeter of mercury (mmHg)

# ICARE FINLAND - VISIONARY IN VISION

*Icare Finland is the original developer and global leader in handheld tonometry. Our patented technology (over 20 patents/patent applications) combined with ISO 13485 certified quality system has made us a respected player in our field of expertise.*

*The advanced Icare® product line offers reliable, high precision, reproducible accuracy in measuring intraocular pressure in any circumstances, in both experienced and inexperienced hands. A variety of Icare® tonometers are available for several uses:*

**Icare® ic100, Icare® TA01i, Icare® PRO, Icare® HOME, Icare® TONOVET, Icare® TONOLAB**  
*Made in Finland.*



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## ICARE FINLAND OY

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