CLINICAL TONOMETRY
- INTRODUCING A NEW ERA

icare
ic200

ICARE IC200 TONOMETER

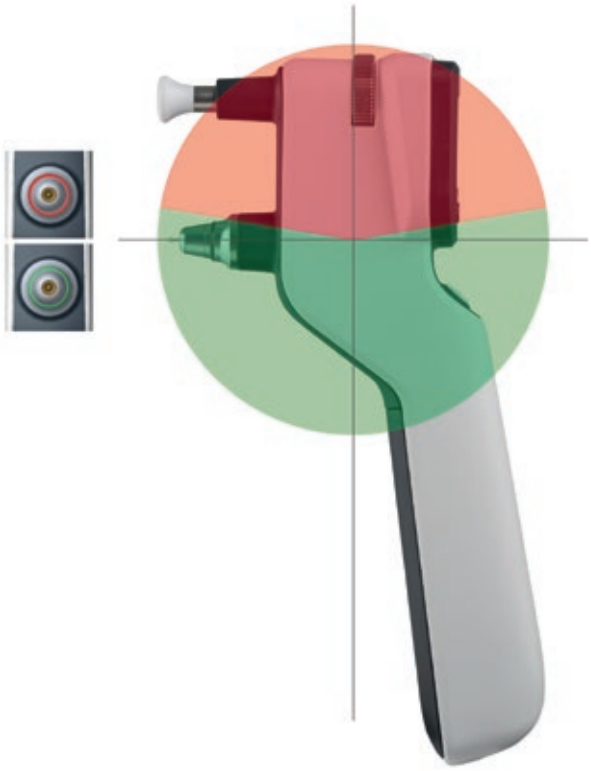
Icare®'s patented rebound technology is a proven technique for obtaining accurate and rapid IOP measurements from all your patients. Measuring requires no anesthesia, drops, air puffs or other preparation.

The Icare® ic200 tonometer takes reliable measurements with wide flexibility in positioning. An intuitive user interface maximizes clinical efficiency even in the most demanding situations.

NO ANESTHESIA
NO AIR PUFF

POSITION FREEDOM

The Icare ic200 tonometer is designed for professional use in the surgical operation room and emergency room as well as the clinic. The ic200 is fully portable, requires no anesthesia and its freedom of positioning allows measuring whether the patient is sitting, standing, half-sitting or in the supine or lateral recumbent position. A high-visibility indicator at the probe base confirms your positioning of the tonometer prior to measurement. A green light indicates measurement will be reliable, a red light indicates incorrect positioning.

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FUNCTIONALITY
WITH COMFORT

Effortless probe loading using the same probe as your Icare TA01i and ic100 tonometers.

The momentary contact of the probe with the cornea is harmless and barely noticed by the patient.

A probe cannot accidentally drop from the device.

With Icare ic200 IOP measuring is fast, accurate and reliably repeatable, with individual readings displayed to one-decimal mm Hg resolution.

Simple user menu, available in multiple languages.

Wireless (Bluetooth) printing and measurement transfer.

All six measurements required for calculation of a result can be performed individually - or in an automated series – at the press of a button.

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 Icare [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 the clinic."

  JAAPOS, 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 of high reliability. The data are comparable with those from the [Goldmann applanation tonometry]."

  OPHTHALMOLOGE, April, 2007

Icare ic200

TECHNICAL DATA

MODEL NAME	TA031
DIMENSIONS	43 mm (W) * 104 mm (H) * 214 mm (L)
WEIGHT	165 g (without batteries), 260 g (with 4 x AA batteries)
POWER SUPPLY	4 x AA non-rechargeable batteries, 1.5 V alkaline LR6
MEASUREMENT RANGE	7 mm Hg – 50 mm Hg
ACCURACY	± 1.2 mm Hg (≤ 20 mm Hg) and ± 2.2 mm Hg (> 20 mm Hg)
REPEATABILITY	< 8 % (coefficient of variation)

ICARE FINLAND
- VISIONARY IN VISION

Icare Finland is the original developer of the rebound technique for tonometry. The clinical performance and ease-of-use of our devices has allowed Icare Finland to quickly become the global leader in handheld tonometry. Our proprietary technology is protected by over 20 patents and patent applications globally. Today, Icare Finland is the trusted partner for professional tonometry devices in ophthalmology.

The Icare® product line offers a range of tonometry devices for accurate, consistent and reproducible measurement of intraocular pressure in virtually any circumstances. All Icare® devices are manufactured in Finland under an ISO 13485-certified quality system.

Our range of tonometers includes:

Icare® ic200, Icare® ic100, Icare® TA01i, Icare® PRO, Icare® HOME, Icare® TONOVET PLUS, Icare® TONOVET and Icare® TONOLAB

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ICARE-IC200-BROCHURE-TA031-076-EN-1.0