



## ICARE PRO TONOMETER WITH NEW, ADVANCED FEATURES DEVELOPED FOR DEMANDING SPECIALISTS

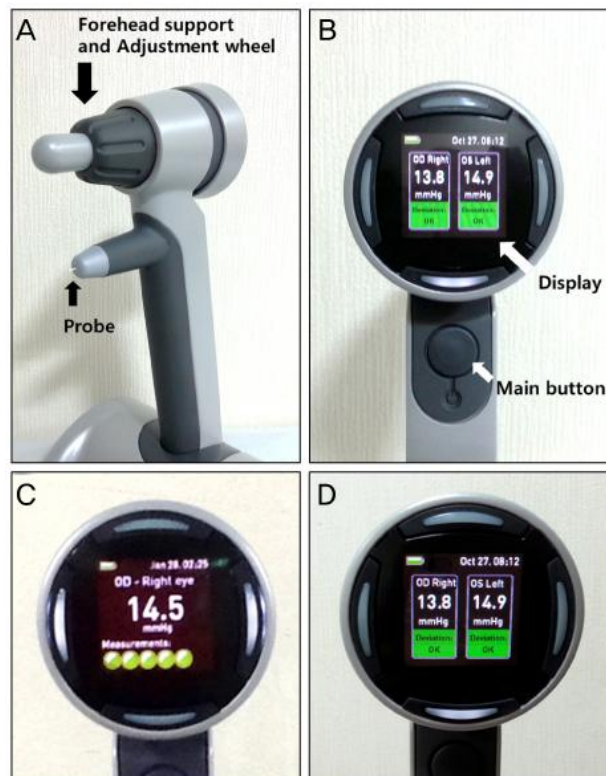
- A built in inclination sensor allows downward measuring of supine patients
- Enhanced measuring algorithm with increased number of measurement parameters
- Scrollable history of over thousand measurement results
- A color display to make each reading clear and easy to perceive
- New, refined probe for better cost efficiency in large volumes
- Docking station as accessory
- Free access to Icare LINK software
- USB connection for data transfer and charging

### User reviews

1. More pleasant for the patient:
  - No anesthetic or disinfection needed;
  - No unpleasant air puff;
  - Lowers reflective IOP elevation;
2. Highly practical:
  - Small;
  - Easy instructions and use;
  - No calibration;
  - Faster IOP measurement speeding up the patient flow;
  - Effective in other fields of medicine as well, lowers the risk of not noticing serious symptoms
3. Suitable for any kind of occasions:
  - Pediatric patients;
  - Disabled people;
  - Supine patients;
  - Soft contact lenses;
  - Conjunctivitis;
  - After eye surgeries;
  - Blepharospasm
4. Reliable measurements:
  - Series of 6 measurements done at once for a precise average;
  - Rarely underestimates IOP;
  - Little contact area with the corneal surface for higher precision

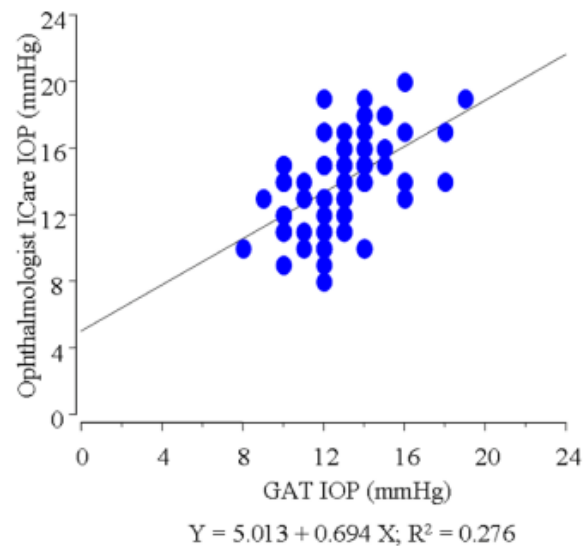


Icare PRO uses USB connection for both transferring data and charging



A – forehead support and adjustment wheel; probe. B – display; main button. C – display showing result after measurement on one eye. D – display showing a history of a measurement made on both eyes.

## Clinical trials



Graph demonstrating the correlation between the IOP readings obtained by the ophthalmologist with Goldman applanation tonometry and those obtained by the ophthalmologist using the Icare® in the 81 enrolled eyes.

## **TECHNICAL AND PERFORMANCE DATA**

### Type TA03

The device conforms to CE regulations

Dimensions: 225 mm x 46 mm x 90 mm (8.9" x 1.8" x 3.5")

Weight: 275 g (9.7 oz.)

Power supply: rechargeable Lithium Ion battery. Up to 1000 measurements can be performed with a fully charged battery.

Measurement range: 5-50 mmHg

Display range: 1-99.9 mmHg

Accuracy:  $\pm 1.2$  mmHg ( $\leq 20$  mmHg) and  $\pm 2.2$  mmHg ( $> 20$  mmHg)

Repeatability (coefficient of variation):  $< 8\%$

Accuracy of display: 0.1 mmHg

Display unit: mmHg

The serial number can be shown on the screen (Settings/About)

There are no electrical connections from the tonometer to the patient

The device has BF-type electric shock protection

### Operation environment

Temperature:  $+10\text{ }^{\circ}\text{C}$  to  $+35\text{ }^{\circ}\text{C}$

Relative humidity: 30 % to 90 %

Atmospheric pressure: 800 hPa – 1060 hPa

### Storage environment

Temperature:  $-10\text{ }^{\circ}\text{C}$  to  $+55\text{ }^{\circ}\text{C}$

Relative humidity: 10 % to 95 %

Atmospheric pressure: 700 hPa – 1060 hPa

### Transport environment

Temperature:  $-40\text{ }^{\circ}\text{C}$  to  $+70\text{ }^{\circ}\text{C}$

Relative humidity: 10 % to 95 %

Atmospheric pressure: 500 hPa – 1060 hPa