



## IN SIMPLE

The TONORITE tonometer requires minimal operator training to assess accurate IOP values, without the use of anaesthesia and is comparable with Goldman Applanation Tonometry.

TONORITE tonometer is a lightweight, portable and extremely user friendly device for regular use in human eye clinics, general practitioner rooms and veterinary hospitals. A simple and effective method in screening, monitoring and management of Glaucoma is at your hands.

Its unique self calibrating technology makes this instrument a fast, accurate and consistent solution to IOP measurements. Outstanding features such as; large patient memory with left / right eye averages, backlight LCD screen and handy pocket size wireless printer has superseded TONORITE tonometer over its global rivals.

TONORITE tonometer – A technological advancement of the 21st century!



## EXPLAINED

TONORITE tonometer follows a simple procedure whereby a very light disposable probe rebounds over the central cornea from a fixed distance (approx. 5mm) with practically invisible and painless impact, thereby displaying the IOP in almost no time.

In this technology the motion parameters of the probe are recorded through an induction based coil system. Recorded data is then passed through an advanced algorithm and the latest onboard computer software to analyze the deceleration of the probe, its contact time and other factors thereby calculating and displaying the intraocular pressure of the eye.

Rebound technology allows for accurate IOP measurements, even in the supine position. The device is especially effective on patients who have a problem fixating such as children, the elderly and subjects with dementia.

TONORITE tonometer with rebound technology does not require any calibration and probe bases can be easily replaced by user if required, making it an integral part of simplistic practice.

# TECHNICAL INFORMATION

Dimensions - 15 ~ 20 mm (W) / 80 mm (H) / 9 ~ 30 mm (L)

Weight - 145g (without batteries)

Power supply - 2 x AA Batteries / 3 volt DC (Device)

Power Adaptor / 3 volt DC (Printer)

Measurement Range - 3mmHg ~ 70mmHg

Accuracy -  $\pm 1.5$ mmHg (3mmHg  $\leq$  intraocular pressures  $\leq$  25mmHg)

$\pm 2.5$ mmHg (25mmHg < intraocular pressures  $\leq$  70mmHg)

Display Unit - Millimeter Mercury (mmHg)

Operating Temperature - +5 °C ~ +40 °C

Relative Humidity - 85% (non-condensing)

**TONORITE** tonometer is supplied standard with a lightweight aluminium carry case for protection and portability and a 1 Year replacement warranty with optional extended warranty against any manufacturing defects.



**TonoRITE**

## Eurotech Optical

[www.eurotechoptical.com](http://www.eurotechoptical.com)

[sales@eurotechoptical.com](mailto:sales@eurotechoptical.com)

Tel: 012 370 4175 | Fax: 012 370 1557

Tel: 012 370 4175 / 3730 / 3735  
0861 387 683 / (0861 EUROTECH)

Alternative Numbers:

084 402 9936

079 242 2817 (Faisal)

082 414 1472 (Rihaz)

Fax: 086 5513943