One vision, Two sharp eyes with Our Innovation

FT-1000

NON-CONTACT TONOMETER

- No surprises for your patients
- Ensures easy examinations for patients
- Considering safety of patients
- Consistent measuring accuracy
- Making examinations easier

FT-1000 SPECIFICATIONS

IOP measurement	
Measurable range	0 to 60 mmHg (0 to 80hPa)
Measuring unit	mmHg / hPa
Observation range	Approximately 15mm x 9mm
Main unit	
Built-in Printer	Thermal Printer
Movable part movement range	Up-Down:45mm Right-Left: 88mm Front-Rear:40mm
Chin-rest Movable range	70mm
Data output type	RS-232C
Display	5.7 inch color liquid crystal display
Dimension and Weight	Dimension 306 (W) x 493 (D) x 463 (H) mm Weight approx.18kg
Power	
Voltage	AC100V to 240V
Frequency	50/60Hz
Consumption power	85VA to 110VA
Operating environment	
Operating temperature range	10C°- 40C°
Humidity	30% - 75%

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NON-CONTACT TONOMETER

Gentle Care for Patients... This is the reason for the NON-CONTACT TONOMETER FT-1000.

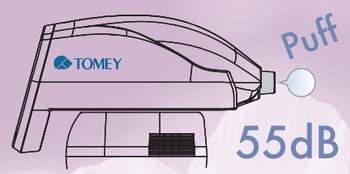
Patient Friendly Non Contact Tonometer

Full of patient-friendly functions

●No surprises for your patients

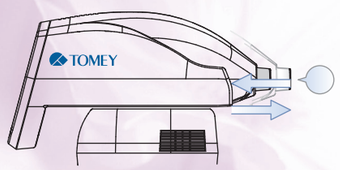
"Air Noise like a gentle whisper

The noise when air blows from the equipment may be one cause of surprise for patients. The air noise level of the FT-1000 is only 55 dB. Gentle air noise like a whisper assures that patients can be examined comfortably.



"Notifying patients of the Measurement timing"

The measuring head moves back and forth for equipment starts measurement. Patients no longer need to be afraid of sudden puffs of air, and relax more during their examination.

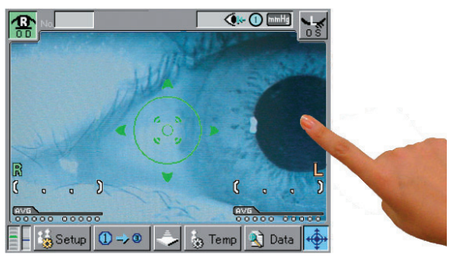


●Ensures easy examinations for patients

"Touch Alignment" starts measurement swiftly

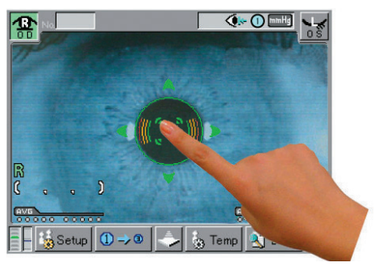
"Please open your eyes wide." "Please do not move" We wanted to reduce any periods of patient discomfort as much as possible. The Touch Alignment of the FT-1000 quickly aligns the eye center with the center of the screen simply by touching the eye shown on the screen.
The Auto Alignment and Auto Shot functions then start measurement immediately. This is another vast benefit to patient care.

Step1



Simply touch the pupil center shown on the screen to roughly align the eye center with the center of the screen.

Step2

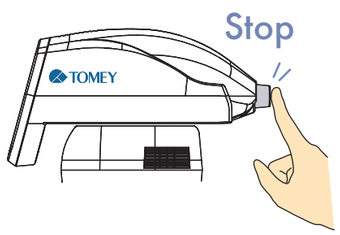


Lightly press the center of the screen to move the measuring head toward the patient. The Auto Alignment and Auto Shot functions will then quickly complete measurement.

●Considering safety of patients

Reliable "Touch sensor"

Even if the measuring nozzle makes contact with a patient, the touch sensor is activated to stop the measuring head immediately. Patients can relax more during examinations.

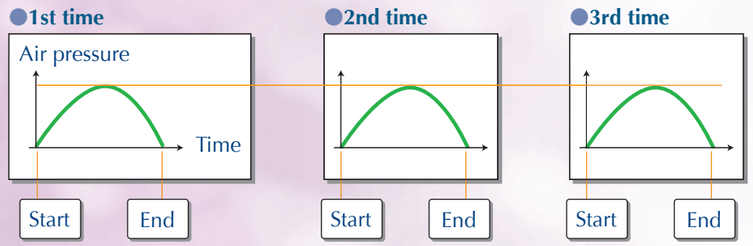


Also featuring many doctor-friendly functions

●Consistent measuring accuracy

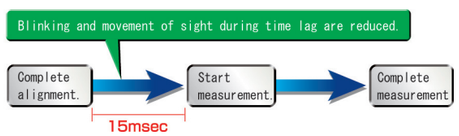
"Constant air pressure" is ensured.

The non-contact tonometer is designed to convert the applanation air pressure to intraocular pressure. We have assumed that constant measuring conditions for every measurement are important for stable accuracy, and provided the FT-1000 with a control system to stabilize the air pressure. This system regulates the air pressure to be almost constant.



"Measurement time lag of only 15 msec" reduces measurement errors and dispersions.

The FT-1000 has reduced the time lag from the completion of alignment to the beginning of measurement to approximately 15/1,000 seconds. Because this improvement reduces measurement dispersion and errors due to blinking or movement of sight during the time lag, patients are not subjected to repeated re-examinations. The FT-1000 is designed to reduce the number of times that air is blown onto the eyes for the benefit of the patient.



●Making examinations easier

"Comfortable operation" and "Correction of intraocular pressure" from the touch panel

It is a little troublesome to delete unnecessary measurements such as error data. However, the FT-1000 allows you to delete this data easily from the touch panel. In addition, the FT-1000 has a function for correcting the intraocular pressure. The intraocular pressure can be corrected simply by entering the measured central corneal thickness of the examined eye.