

# TX-20

FULL AUTO TONOMETER

Non-Contact  
Tonometry in  
Just One Step



## ENHANCE PATIENT COMFORT

### NON-CONTACT TONOMETRY

The Canon TX-20 Full Auto Tonometer provides an array of features and technology to help expedite the exam process. Measure Intraocular Pressure (IOP) easily and efficiently with a soft, air-puff designed to enhance patient comfort—all in a compact, lightweight unit that can easily be transported and installed.

### SOFT AIR-PUFF AND POSITION SAFETY ALERT

Deliver an effective path to evaluating ocular conditions that affect the pressure inside the eye, such as Glaucoma, with a non-contact tonometer. The TX-20 Tonometer employs a delicate air-puff to enhance patient comfort. And since patient positioning is a priority, when the Safety Alert is set, the TX-20 Tonometer automatically prevents the optical head from making physical contact with the patient.

### COMPACT AND LIGHTWEIGHT

The TX-20 Tonometer is designed with comfort in mind, for both the operator and the patient. It comfortably fits on an instrument table\* with another Canon diagnostic instrument

to help streamline the exam process. And, at approximately 33 pounds, the TX-20 Tonometer is easy to transport and install.

### VISUAL RELIABILITY AND INDICATORS

When a reading cannot be made, the TX-20 Tonometer display will show a snapshot of the examinee's eye along with the measurement error. The operator will know immediately whether the error was caused by an eyelid, an eyelash, or the eye being out of position. This information allows the operator to make the necessary adjustments for the next action, such as adjusting the chin rest or limiter.

### INPUT AND OUTPUT MODES

The TX-20 Tonometer provides data output using RS-232C and LAN connections, and data input using USB connections.

### EXTERNAL FIXATION

For patients with central vision defects, the TX-20 Tonometer incorporates external fixation that can be easily activated from the LCD screen.

EXAMS CAN BE FASTER  
AND MORE EFFICIENT  
WITH THE CANON TX-20  
FULL AUTO TONOMETER.



\* The optional Instrument Table (shown above) is sold separately.

# GREATER CAPABILITIES FOR GREATER EFFICIENCY

## SELECTABLE MEASUREMENT MODES

The three-dimensional tracking system of the TX-20 Tonometer features a wide range of movement, so that the examinee's pupil can be detected easily. When in Full Auto mode, the unit is a one-touch operation for IOP measurement of both eyes; just press the "Start" button and the tonometer automatically aligns and measures the intraocular pressure of both eyes. For added flexibility, Auto and Manual measurement modes are included.

## MULTIFUNCTIONAL, COLOR LCD MONITOR

The 5.7-inch, color LCD monitor tilts 40°, making the TX-20 Tonometer easy to use whether the operator is sitting or standing. The clear LCD display also includes multifunctional screen buttons, allowing the operator to switch menus as needed.

## MOTORIZED OMNI-DIRECTIONAL JOYSTICK

Aligning the patient's eye is made easier using the motorized Omni-directional Joystick with a fine focus dial. All positioning

may be performed with one hand allowing the other hand to work with the patient, if needed. On the top of the joystick is the "Start" button. This can be pressed immediately once the patient is properly positioned.

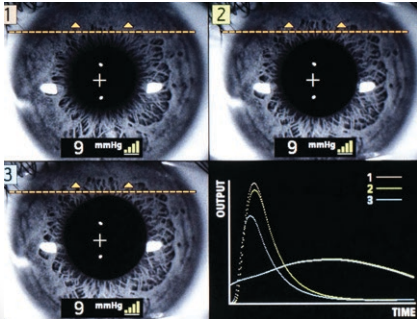
## HIGH INTRAOCULAR PRESSURE (IOP) WARNING

Whenever high IOP is detected, a warning message is displayed. The operator can enter any threshold value on the unit's "Settings" screen to activate the warning system for that value.

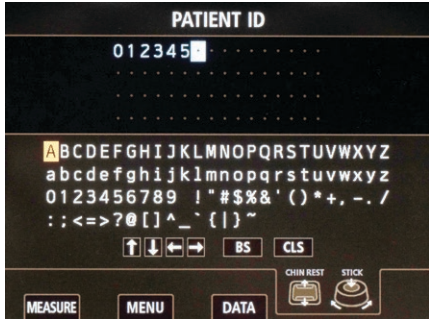
## FAST PRINTOUTS WITH BUILT-IN PRINTER

Internal memory provides storage of up to 10 measurements for each eye, listing them in the order they were taken or by reliability. A printout can be set up to automatically print. The front-loaded, built-in printer includes an auto cutter, making it simple to remove the printout. New paper rolls\* can be easily inserted through the feeder.

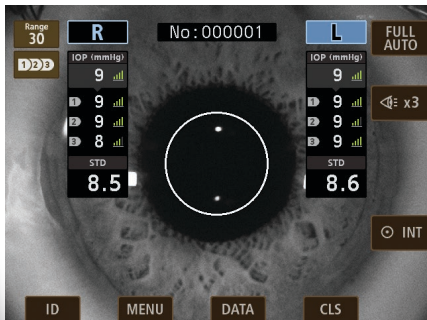
### ANTERIOR EYE/WAVE FORM



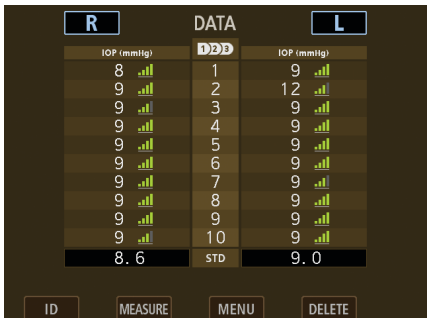
### PATIENT ID



### DISPLAY



### DATA



\* The paper rolls are sold separately.

# TX-20

## FULL AUTO TONOMETER

### General

**Type:** Non-Contact, Full Auto Tonometer

**Auto Function:** 3D Auto Alignment, Auto Shooting

**Alignment Mode:** Full Auto/Auto/Manual

**Selectable Measurement Times:** 3/2/1

**Working Distance:** 11 mm From the Front of Nossle

#### Interface

Input ID: USB

Output ID: LAN, RS-232C

**Display:** Tilttable, 5.7-inch TFT LCD

#### Operation Range

Front/Back: 40 mm

Left/Right: 90 mm

Up/Down: 30 mm

**Built-In Printer:** Thermal Line Printer with Auto Cutter

**Chin Rest Movement:** Up/Down: 60 mm (Electrical)

**Joystick:** Single-Axis (Electrical)

### Non-Contact Tonometer

**IOP Measurement Range:** 0 mmHg to 60 mmHg  
(Includes Automatic Switching Between 30/60 mmHg)

**Measuring Increment:** 1 mmHg

**Eye Fixation Target:** Internal Fixation Light/External Fixation Light

### Electrical and Environmental

**Power Supply:** AC 100-240 V 50/60 Hz 0.8-0.4 A

### Physical Characteristics

**Dimensions (H x W x D):** 19.7" x 10.2" x 19.3"  
(500 mm x 260 mm x 490 mm)

**Weight:** Approximately 33 lb. (15 kg)

### Components

Main Unit

Nozzle Cap

Chin Rest Paper (100 Sheets)

Printing Paper (2 Rolls)

Power Cable

Dust Cover

### Optional Accessories

Chin Rest Paper

Printing Paper



POST SALE  
SERVICE AND  
SUPPORT

## MAINTAINING YOUR INVESTMENT IN EXCELLENCE.

The TX-20 Full Auto Tonometer is backed by Canon, a global microprocessor-based company with 75 years of optical experience. Its superb customer service and support organization is ready to answer your needs 24/7/365.

This common sense approach to service allows you to purchase a service plan that suits your specific needs—and your budget. The Canon service program may help you avoid costly instrument downtime while also helping you with the accessibility of your vital patient images and information.

To schedule a demo or for additional information,  
call 1-800-970-7227 or visit our Web site.

USA.CANON.COM/EYE-CARE



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