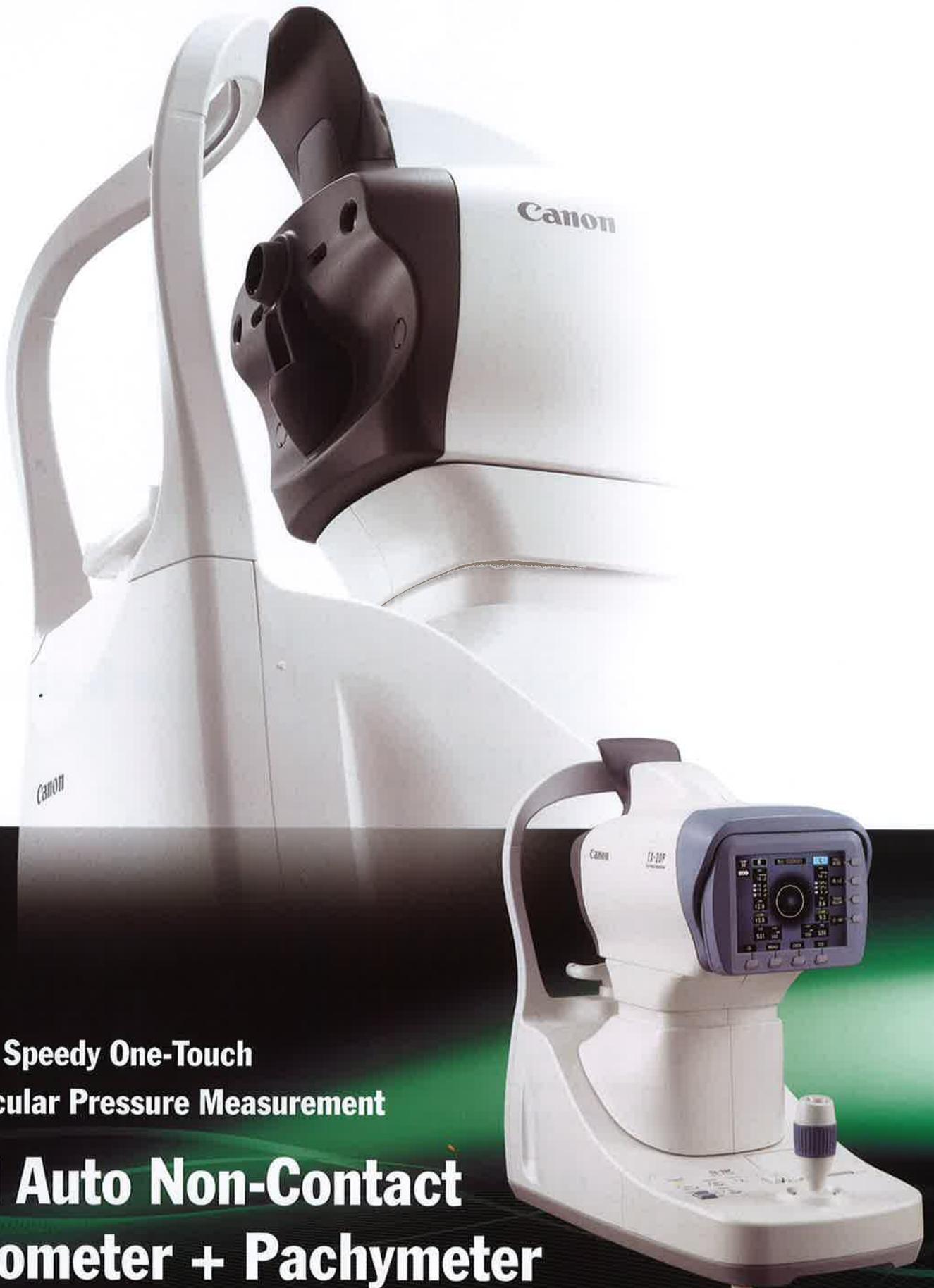


**Canon**

# TX-20P

Full Auto Tonometer



**Quick, Speedy One-Touch  
Intraocular Pressure Measurement**

**Full Auto Non-Contact  
Tonometer + Pachymeter**



**In a compact body, a variety of new features.  
A full auto non-contact  
tonometer combined with pachymeter.**

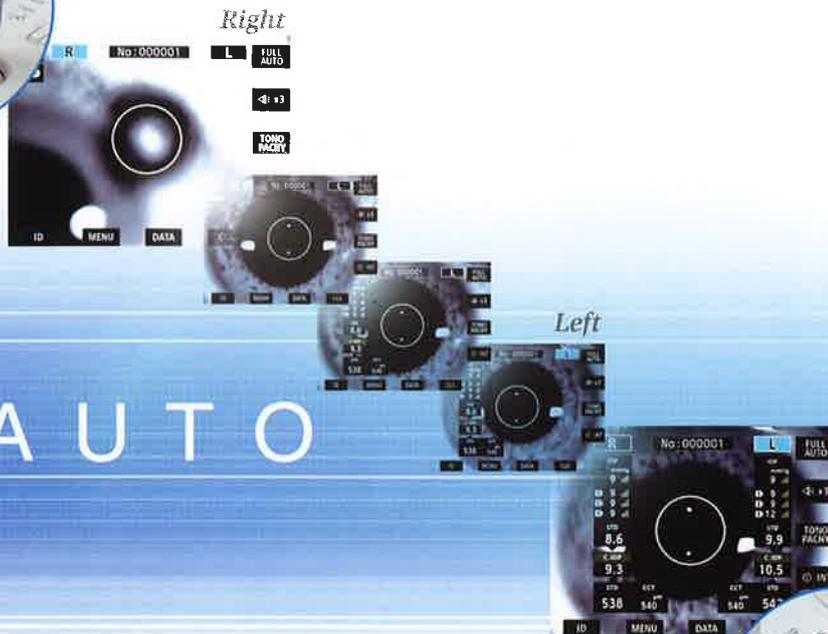


The world over, eye care professionals rely on Canon devices to detect and monitor eye care disorders such as glaucoma and ocular hypertension. Now, Canon is measuring intraocular pressure (IOP) and central corneal thickness (CCT) in both eyes with one instrument - the new TX-20P. This device combines a fully automatic non-contact tonometer and pachymeter in a compact-in-size, lightweight body with a tiltable LCD monitor and one-touch measurement for overall improved usability and processing speed.

**TX-20P**  
Full Auto Tonometer



START



FULL AUTO



PRINT



### ■ 3-D Auto Alignment

Position using the motorized joystick, and push the Measurement Start button to begin acquiring IOP and CCT readings and images. In Full Auto mode, just one push of the Measurement Start button quickly and easily acquires both right and left eye intraocular pressure (IOP) measurements and automatically prints out the results. In addition to Full Auto measurement mode, Auto & Manual modes are also available as needed.

### ■ Simplified and speedy pachymetry

The TX-20P's added pachymeter scatters light by the cornea to obtain optical sectional images for CCT measurements. Using these measurements, automatically calculate the IOP compensated value to reduce underestimation for Lasik cases and overestimation for high IOP cases due to thick cornea. Quickly and easily print out your results through the front-loaded printer with auto cutter.

### ■ New design pursuing comfort

Full Auto, with its simple operation, can be used to smoothly obtain measurements from the first time. Also, the color LCD viewing monitor tilts to be viewable by the examiner even while standing, further simplifying testing.

### ■ Lightweight & compact, with low power consumption

With a body weight of only 15kg, the device is light and easily transportable. The compact size allows for versatile placement where best appropriate. Also, TX-20P has low power consumption, adding to its all-around convenience.

# A variety of new and improved usability features.

Tilttable color LCD monitor, multi-function switches, and motorized joystick for easy use.

## TX-20P Full Auto Tonometer



### IOP measurement of both right and left eyes with one touch.

Using the motorized joystick, roughly position the patient's pupil within the wide field of view, and then press the Measurement Start button to begin (during Full Auto mode).

### Tilttable color LCD monitor

The examiner can angle the 5.7-inch color LCD monitor to view at up to approximately a 40° total angle. Measure from any position with ease.

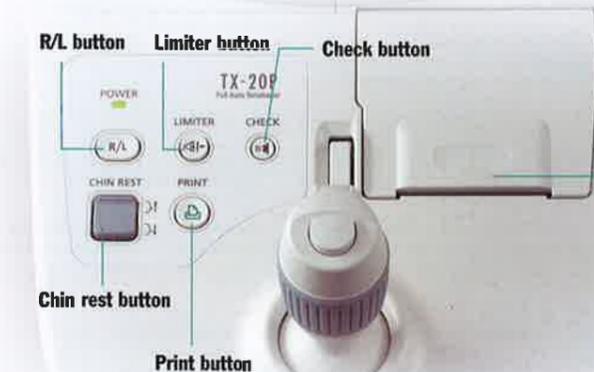


### Equipped with internal and external fixation lamps

In addition to the internal fixation lamp, TX-20P is also equipped with an external fixation lamp, effective for examinees with central vision defects. Easily switchable between the external and internal fixations lamps as necessary.



External fixation lamp



### Auto Cut Printout

Added to the TX-20P body is a front-loaded printer featuring an auto cutter function. Paper output in the front makes results simpler to get, and faster printing shortens the total measurement time.



### Multi-function switches

Buttons for selecting necessary operational functions during an examination are conveniently located along the monitor, adjacent to their corresponding section on the display screen.

Measurement Start button

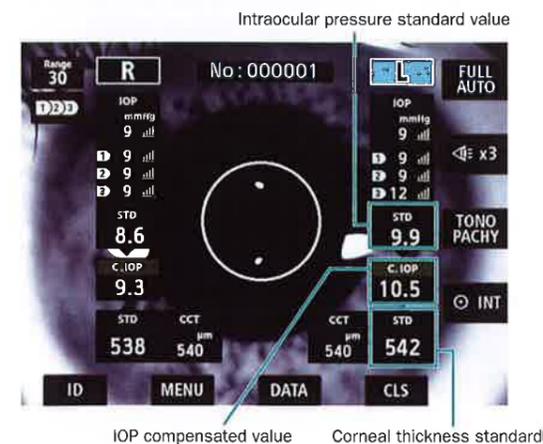
Alignment Off button

Vertical measurement ring

### Motorized joystick

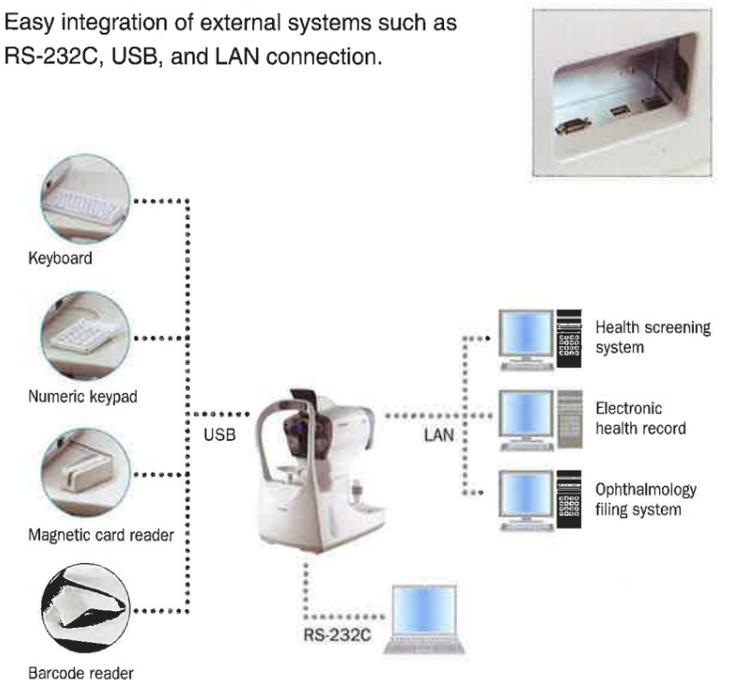
A motorized joystick combines various features to make measurements easier to acquire.

### Simple & clear monitor



### Equipped for extensive external interfacing

Easy integration of external systems such as RS-232C, USB, and LAN connection.



# TX-20P Specifications

<b>Type</b>	Non-contact tonometer + pachymeter
<b>Measurable range</b>	Non-contact tonometer: 0 to 60mmHg Includes automatic shifting between 30 / 60mmHg Non contact pachymeter: 150 to 1300 µm
<b>Measuring increment</b>	Non-contact tonometer: 1mmHg Non contact pachymeter: 10 µm
<b>Eye fixation target</b>	Non-contact tonometer: Inner fixation light /External eye fixation light
<b>Light source</b>	Non contact pachymeter: Blue LED
<b>Operation distance</b>	11 mm from the front of nozzle
<b>Alignment</b>	Full Auto / Auto / Manual
<b>Memory</b>	Max. 10 measurements for each eye
<b>Data output</b>	RS232C, USB, LAN
<b>Power-saving system</b>	5min. / 10min. / 15min. / OFF (4 levels selectable)
<b>Display</b>	Tiltable 5.7-inch color TFT LCD monitor
<b>Printer</b>	Thermal line printer with auto cutter
<b>Power supply</b>	AC100 - 240V, 50 / 60Hz, 0.4 - 0.8A
<b>Operating range</b>	Front / back: 40mm Left / right: 90mm Up / down: 30mm
<b>Dimensions (W x D x H)</b>	260 x 490 x 500 mm (10.2 x 19.3 x 19.7 in.)
<b>Weight</b>	15 kg (33 lbs.)

## COMPONENTS

Main unit 1  
Nozzle cap 1  
Chin rest paper 100 sheets  
Printing paper 2 rolls  
Power cable 1  
Dust cover 1

## OPTIONAL ACCESSORIES

Chin rest papers (500 sheets)  
Printing paper

Simulated images and specifications are subject to change without notice.



### CANON INC. MEDICAL EQUIPMENT GROUP

30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501, Japan  
Telephone: +81-3-3757-8497 Fax: +81-3-5482-3960

### CANON (CHINA) CO, LTD. Medical System Division

15F Jinbao Building No.89 Jinbao Street, Dongcheng District,  
Beijing 100005, China  
Telephone: (86) 10-8513-9999 Fax: (86) 10-8513-9914  
<http://www.canon.com.cn>

### CANON SINGAPORE PTE. LTD. Medical Equipment Dept.

1 HarbourFront Avenue, #04-01 Keppel Bay Tower, Singapore 098632  
Telephone: +65-6796-3549 Fax: +65-6271-4226  
<http://www.canon-asia.com>

### CANON KOREA BUSINESS SOLUTIONS INC.

MEDICAL EQUIPMENT BUSINESS TEAM  
#168-12, Samseong-dong, Gangnam-gu, Seoul, Korea  
Telephone : +82-2-3450-0639 Fax : +82-2-3456-0655  
<http://www.canon-bs.co.kr>

### CANON AUSTRALIA PTY. LTD. Optical Division

1 Thomas Holt Drive, North Ryde, Sydney, NSW 2113, Australia  
Telephone: +61-2-9805-2000 Fax: +61-2-9805-2444  
<http://www.canon.com.au/default.aspx>