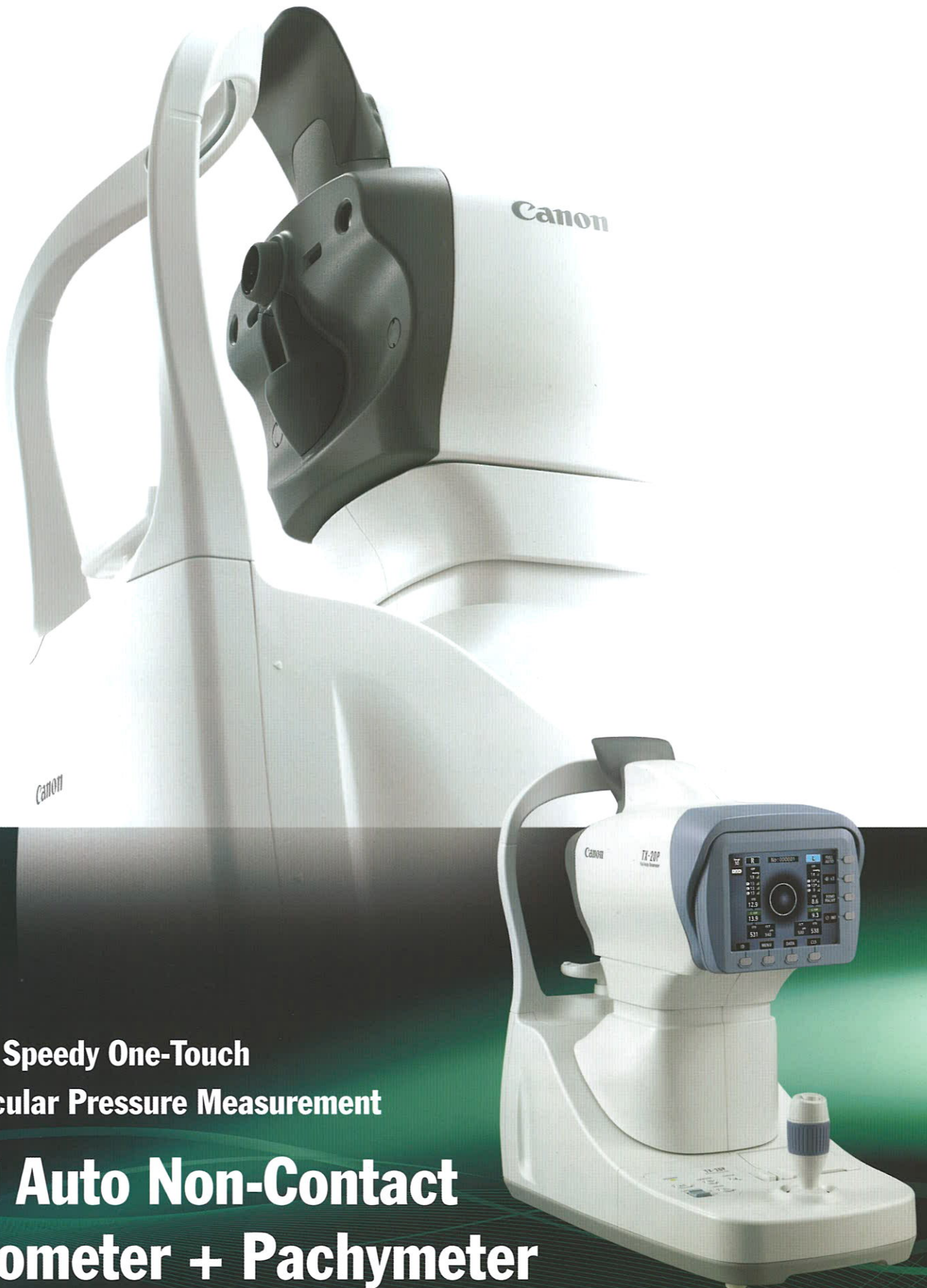


Canon

TX-20P₁

Full Auto Tonometer



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

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



Canon

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



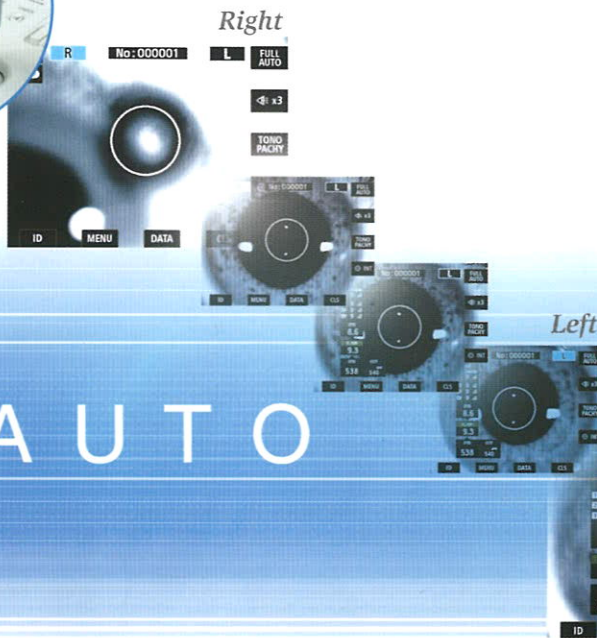
The world over, eye care professionals rely on Canon devices to detect and monitor eye care disorders such as glaucoma and ocular hypertension. Now, Canon is measuring intraocular pressure (IOP) and central corneal thickness (CCT) in both eyes with one instrument - the new TX-20P. This device combines 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 usa

Tiltable color LCD monitor, multi-function switches, and motor

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).

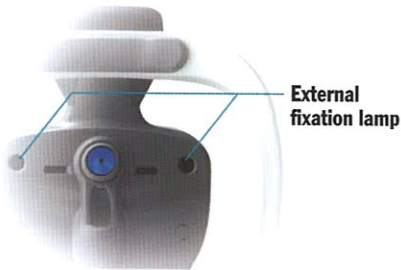
Tiltable color LCD monitor

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.



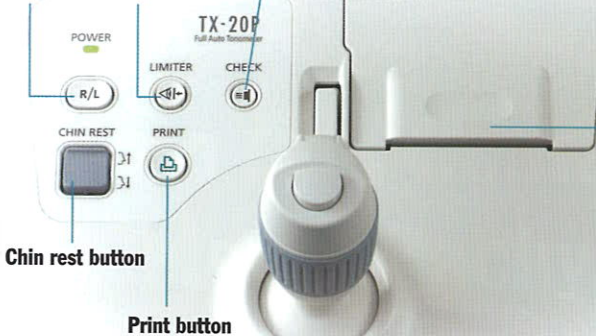
Equipped with internal and external fixation lamps

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

R/L button Limiter button Check button



Chin rest button

Print button

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.



ability features.

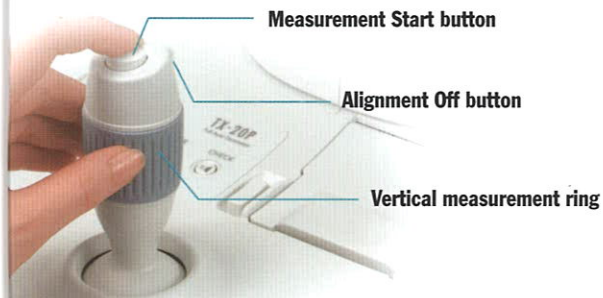
ized joystick for easy use.

TX-20P Full Auto Tonometer



Multi-function switches

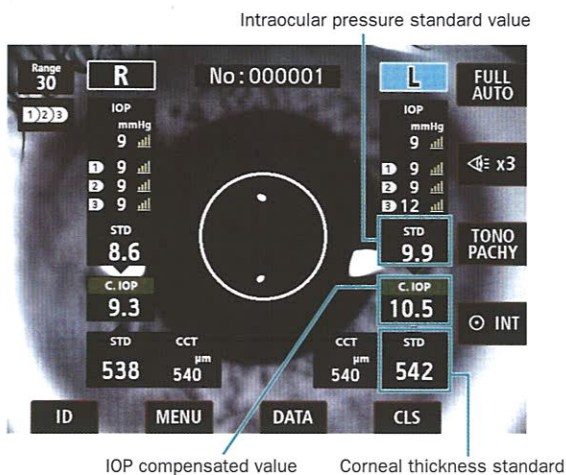
Buttons for selecting necessary operational functions during an examination are conveniently located along the monitor, adjacent to their corresponding section on the display screen.



Motorized joystick

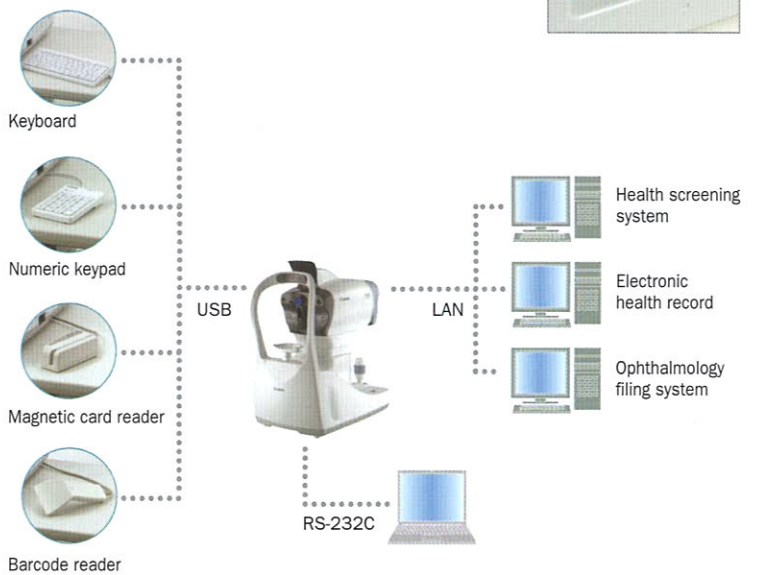
A motorized joystick combines various features to make measurements easier to acquire.

Simple & clear monitor



Equipped for extensive external interfacing

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



TX-20P Specifications

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

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