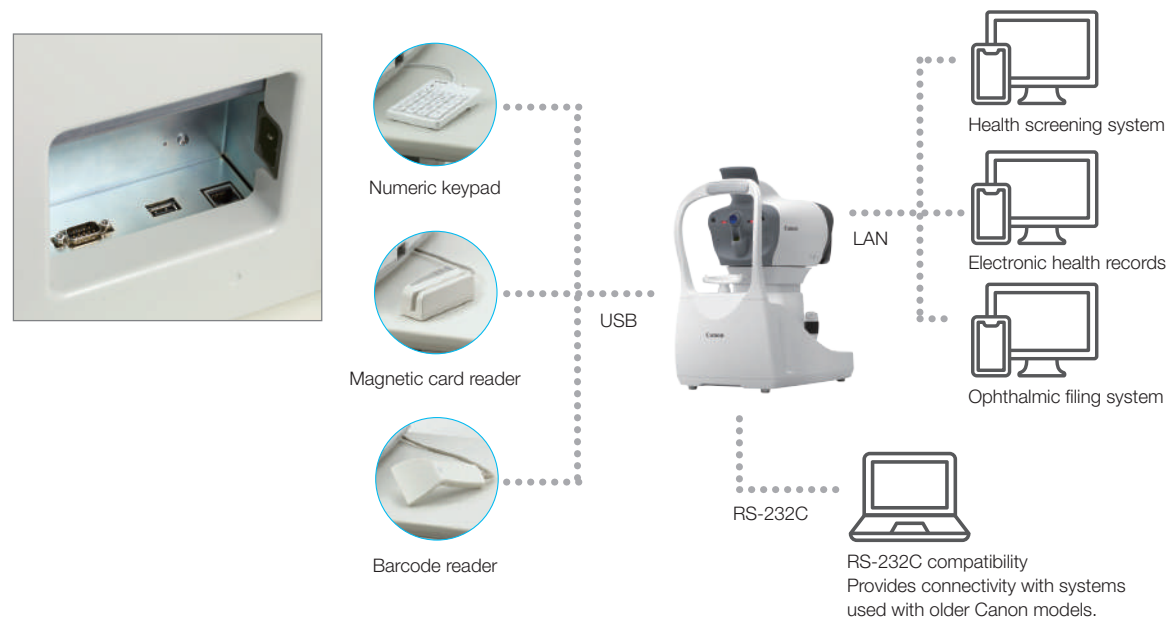


Wide Range of External Interfacing

Connects seamlessly with administration PCs or external systems. Also provides easy connectivity with barcode readers, card readers or other convenient devices for loading patient data for examinations.



TX-20P Specifications

Type	Non-contact
Non-contact tonometer	
Measurement range	0 to 60 mmHg (automatic switching between 30/60 mmHg) Units: mmHg/hPa
Measuring increment	1 mmHg
Eye fixation target	Internal fixation lamp / External fixation lamps
Non-contact pachymeter	
Measurement range	400 to 1300 μ m
Measuring increment	10 μ m
Measurement mode	Full Auto / Auto / Manual Full Auto / Auto: 3D Auto alignment
Operation distance	11 mm (from front of nozzle)

Data input/output	Input: USB Output: LAN/RS-232C (D-Sub 9-pin male)
Display	5.7-Inch color LCD monitor
Printer	Built-in thermal line printer with auto cutter
Power supply	AC100 to 240 V 50/60 Hz 0.8 to 0.4 A
Operating range	Front/back: 40 mm, Left/right: 90 mm, Up/down: 30 mm, Chin rest up/down: 60 mm
Dimensions	W260 mm x D490 mm x H500 mm
Weight	15 kg

Main Components

TX-20P main unit
Nozzle cap
Printing paper
Chin rest paper (100 sheets)
Dust cover

Options

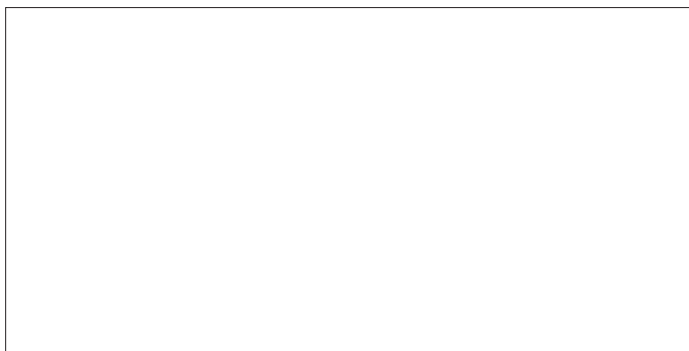
Chin rest paper (500 sheets)

* Specifications and appearance are subject to change without notice.

Canon

■ Manufacturer
CANON INC.
 9-1, Imaikami-cho, Nakahara-ku, Kawasaki,
 Kanagawa 211-8501, Japan
 Telephone: (81)-3-3758-2111

General Safety Information	● Make sure you read the manual before using the instrument.
	● Use the correct power source and voltage shown.
	● Make sure the instrument is properly connected to ground. Failure to do so may result in an electric shock if there is a malfunction or ground leakage.



Canon

TX-20P
 Full Auto Tonometer

Full Auto continuous measurements of both eyes One-touch operation for measuring intraocular pressure and corneal thickness

Compact body, with functions for simultaneously measuring intraocular pressure and corneal thickness. Designed for ease-of-use with tiltable color LCD monitor and other convenient features. TX-20P, the full auto non-contact tonometer that is hygienic for both patient and examiner.



Diverse Functions Designed for Usability

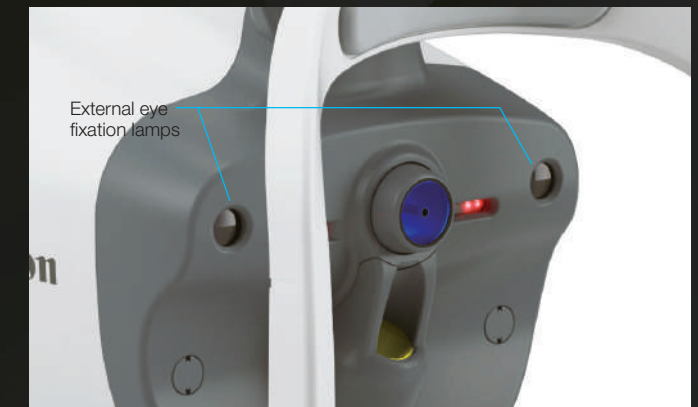
Color LCD monitor with tilt function

Equipped with a 5.7-inch color LCD monitor that can be swiveled by up to around 40° for the ease of view for the examiner. This allows for stress-free measurements to be taken, even while the examiner is standing.



Equipped with external eye fixation lamps

In addition to the internal fixation lamp, the TX-20P also features external fixation lamps which can be switched easily depending on the condition of the patient's eye.



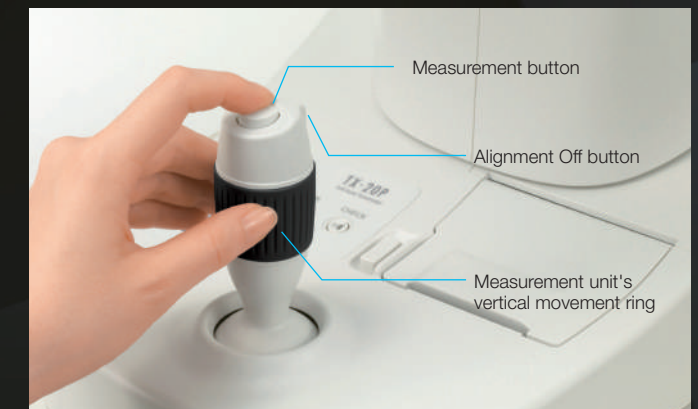
Auto Cut printout

A new Auto Cut function has been added to the TX-20P's built-in printer. The printout slot at the front also boosts convenience.



Motorized joystick

The TX-20P is equipped with a motorized joystick with measurement button, making operation much easier.



Intraocular Pressure and Corneal Thickness Measurements with a Single Unit

In addition to intraocular pressure measurement, the TX-20P also includes a function for measuring central corneal thickness with the use of a split light system. The corneal thickness measurement line is shown based on the corneal thickness measurement results. This helps prevent underestimation of intraocular pressure in patients with thinning cornea such as after having had LASIK.

Advanced intelligent 3D alignment

In Full Auto mode, a single tap on the measurement button at the start of the examination quickly and easily measures the intraocular pressure and corneal thickness of both the left and right eyes, and automatically prints out the results. In addition to Full Auto, Auto and Manual measurement modes can be selected.

Compact, Lightweight and Energy Efficient

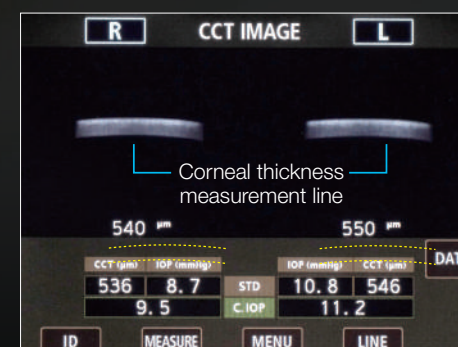
At just 15 kg, the weight of the TX-20P main unit has been reduced significantly. Its small maximum area of lateral movement translates into excellent space efficiency, and it is also energy efficient.

Designed for Smooth Measurements

Full Auto mode coupled with simple and intuitive controls makes for smooth measurements, even for those using the unit for the first time.

Corneal thickness measurement function

Equipped with a central corneal thickness measurement function (pachymeter) based on a slit light system. This allows both the intraocular pressure and central corneal thickness to be measured quickly and easily at the same time. Measurements of intraocular pressure based on corneal thickness mean it is an effective method for glaucoma screening and other ailments.



Intraocular pressure measurement function

The TX-20P measures intraocular pressure and central corneal thickness at the same time, and uses the obtained results to automatically calculate and display the compensated intraocular pressure. This helps prevent underestimation of intraocular pressure in patient eyes with thinner cornea due to having had LASIK, or overestimation of intraocular pressure in patient eyes with thicker corneas.

