

TX-20P Full Auto Tonometer & Pachymeter

The TX-20P. Two in one,
tonometer and pachymeter in a
single instrument



Measure intraocular pressure (IOP) and central corneal thickness (CCT) together as well as automatically recalculate the compensated IOP with accuracy and speed. All in a single instrument.

Accurate, automatic and fast.

Fully Automatic, Non Contact Tonometer combined with a Pachymeter The TX-20P is a multi-functional ophthalmic instrument that measures IOP and CCT and then automatically calculates the corrected IOP.

Advanced intelligent 3D fully automated operation Simply initiate the examination and multiple IOP and CCT measurements of the right and left eye will be done completely automatically.

Just press the button Just align on the pupil and the advanced intelligent automatic operation will take over, making the instruments very easy to use.

Extremely accurate The TX-20P will automatically calculate the corrected IOP based on the CCT values. Since the measurements are done extremely fast, any movement of the patient will not influence the measurement accuracy.

Fast and timesaving The TX-20P will align and measure extremely fast, even the print out and paper cut off are done automatically, reducing examination time.

Excellent ergonomics The tilting 5.7" colour LCD screen makes it possible to operate the TX-20P while standing or sitting.

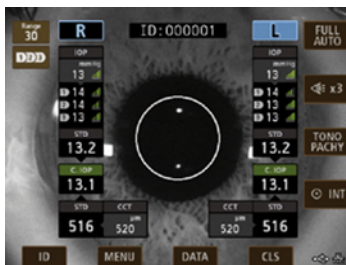
Patient friendly The soft air puff and short examination time make the TX-20P very comfortable for the patient.

Lower and upper IOP warning To assist during screening, threshold values can be changed to your requirements.

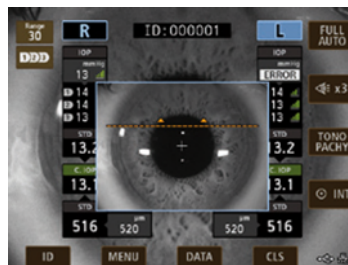


Tilting LCD Screen

•New ergonomic design allows the operator to use the instrument while sitting or standing



IOP readings, average values and corrected IOP are all clearly displayed on one screen.



When there is a measurement error caused by blinking or eyelashes, a warning line is clearly shown on the screen.



Up to 10 IOP readings and CCT values for each eye can be displayed, making checking for any deviating results easy.



CCT image can be displayed simultaneously with the Pachymeter values for additional information on the central cornea.

Specifications

Dimensions	260 W x 490 L x 500 H mm
Weight	15 kg
Display screen	Tilting 5.7 VGA colour TFT LCD
Printer	Thermal line printer with auto cutter
Chinrest	Motorized
Interface	USB Host / RS232C / LAN
Power	0.8 A – 0.4 A
Power saving mode	YES
Optional accessories	Chin rest paper, printing paper
Fixation light	Internal or external
Warning	Warning indicator when IOP exceeds predetermined value
Input ID Options	Automatic serial number assignment or patient ID input via screen, numeric keyboard, barcode reader (optional)
Alignment	Fully automatic 3D alignment
Measurement mode	Fully automatic / automatic / manual

INTRAOCULAR PRESSURE MEASUREMENTS

Measurement range	0~60 mmHg
Measurement principle	Air puff non-contact method
Available measurement display units	mmHg / hPa
Working distance	11 mm
Switching range	30 / 60 mmHg switching

PACHYMETER MEASUREMENTS

Measurement range	150~1300 microns
Light Source	Blue LED
Measurement principle	Quantized slit image on central cornea

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