

# CT-800

Computerized Tonometer



# Smooth operation

The CT-800, Computerized Tonometer, incorporates the very latest design technology and ergonomics. The instrument features a bright, 8.5 inch color touch screen panel to control the main functions and an improved joystick operation due to a 22% reduction in weight and motorized up/down operation from the previous model. This model provides a soft air puff for measurement, which equates to less stress on the eye. Topcon is always striving to deliver the very best instrumentation which always incorporates the best design technology, functionality and accuracy, allowing our customers to have confidence in their investment for years to come.

## CT-800 - Computerized Tonometer

### Features

- | Smooth operation
- | Compact & modern design
- | 8.5 inch LCD touch screen panel
- | Soft air puff
- | Adjusted tono value\*
- | Connectable LAN



# CT-800 - Computerized Tonometer



## Smooth operation

Topcon's ability to engineer a weight reduction of approximately 22% has contributed to a smoother operation of the unit when using the X-Y control lever. The up/down movement has also been motorized. This all contributes to a more fluid measuring process and a more accurate end result.



## Wide 8.5 inch touch screen control panel

The CT-800 is equipped with a wide 8.5 inch color touch screen panel featuring clear, easy to read icons allowing the operator full control of the unit during the measurement process.



## Soft air puff

Software controls the optimal amount of air required for every measurement for each individual eye. A soft air puff means less stress on the eye, resulting in an improved patient experience.

## IOL mode

The IOL mode allows you to measure the eye with an IOL.

## Adjusted tono value\*

The CT-800 is able to calculate Adjusted Tono value from measured IOP to manually input the corneal thickness value measured by other devices such as a pachymeter.



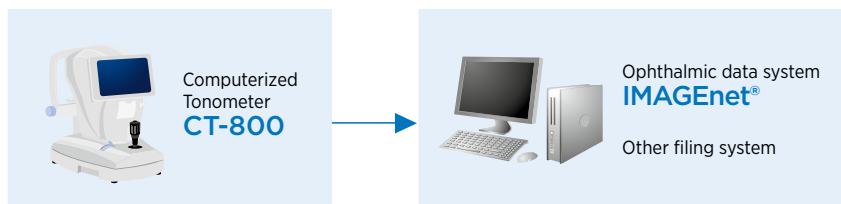
## One touch lock, easy load printer and nozzle cover

The CT-800 is equipped with a built in thermal printer that can be easily loaded with a roll of paper. The unit automatically cuts the paper at the end of printing. The nozzle cover can simply be attached to the CT-800 body.

## Specifications

<b>Ocular pressure measurement</b>	1 to 60 mmHg (1 mmHg step)
<b>Measuring range</b>	Average indication 1 mmHg / 0.1 mmHg steps changeable
<b>Measuring mode</b>	1-30 mmHg / 1-60 mmHg
<b>Monitor</b>	8.5 inch WVGA color LCD monitor, touch panel
<b>Data transport terminal</b>	USB (Import), RS232C (Export), LAN (Export)
<b>Dimensions</b>	317 - 341 mm (W) x 521 - 538 mm (D) x 437 - 467 mm (H)
<b>Weight</b>	14 kg
<b>Power supply</b>	100-240V AC, 50-60Hz, 30-70VA

## System chart



Optional Accessory:  
Electric Instrument Table for **CT-800**



## Printed data

2014_02_14		AM 10:37	
<b>TONO. DATA</b>			
(R)		(L)	
mmHg	ADJ.	mmHg	ADJ.
17	17	17	17
16	16	16	16
17	17	17	17
<b>AVG.</b>			
16.7	16.7	16.7	16.7
<b>PACH. DATA</b>			
(R)		(L)	
mm		mm	
0.535		0.532	
TOPCON			

- 1 Tono value on display unit "mmHg"
- 2 Tono average value on display unit "mmHg"
- 3 Adjusted tono value
- 4 Pachy value with manual input

### IMPORTANT

Subject to change in design and/or specifications without advanced notice.  
In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.  
Medical device Class IIa. Manufacturer: Topcon Corporation.



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