Computerized Tonometer

CT-800

TOPCON®
CONNECTING VISIONS

CT-800

COMPUTERIZED TONOMETER

Smooth Operation

Topcon is proud to introduce the new CT-800 Computerized Tonometer which incorporates the very latest in design technology and ergonomics. The unit features a bright, new 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.

FEATURES

- **Smooth operation**
- **Compact & Modern Design**
- **8.5 inch LCD Touchscreen Panel**
- **Soft Air Puff**
- **Adjusted Tono Value***
- **Connectable LAN**

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.

SOFT AIR PUFF

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

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.

* Adjusted Tono Value is reference value

WIDE 8.5-INCH TOUCHSCREEN CONTROL PANEL

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

IOL MODE

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

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. And the nozzle cover can be simply attached to the CT-800 body.

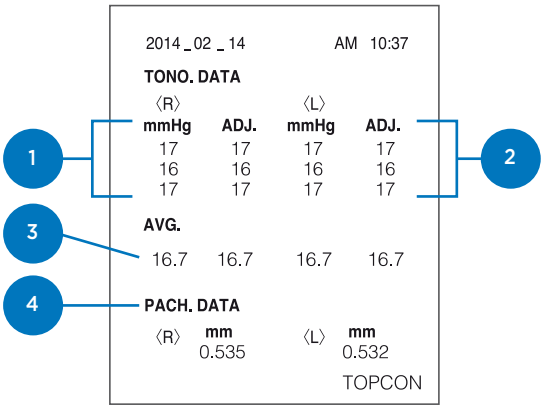
Specifications

Ocular Pressure Measurement	1 to 60 mmHg (1 mm Hg step)
Measuring Range	Average indication 1mmHg / 0.1mmHg steps changeable
Measuring Mode	1-30 mmHg / 1-60 mmHg
Monitor	8.5" WVGA color LCD monitor, touch panel
Data Transport Terminal	USB (Import), RS232C (Export), LAN (Export)
Dimensions	317 - 341mm(W) ×521 - 538mm(D) × 437 - 467mm(H)
Weight	14.0 kg
Power Supply	100-240V AC, 50-60Hz, 30-70VA

System chart

* Contact Topcon subsidiaries or dealers for system configurations.

Printed Data



1. Tono value on display unit "mmHg"
2. Tono average value on display unit "mmHg"
3. Adjusted Tono value
4. Pacho value with manual input

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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.

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