

Quicker measurement with 3D Auto Alignment Function

3D Auto Alignment Function maintains proper alignment with the patient

3D Auto Alignment feature maintains XYZ alignment even during small eye movements, providing consistent and repeatable measurements.* An operator follows the alignment guidance on the monitor for initial alignment, and then alignment and measurement start automatically. 3D Auto Alignment function supports easy operation.

* Manual alignment may be required for patients with poor fixation.



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	17 kg
Power Supply	100-240V AC, 50-60Hz, 30-60VA

System Chart



TOPCON

YOUR VISION. OUR FOCUS.

CT-800A

Computerized Tonometer

Workflow Efficiency with the 3D Auto Alignment

More efficient operation and work flow

TOPCON has significant experience in designing and producing high quality tonometer and kerato refractometer. For a greater customer experience, we are proud to introduce our new CT-800A with 3D auto alignment function. CT-800A offers enhanced efficiency and easier operation to improve day to day examination of work flow in a practice.

CT-800A Computerized Tonometer

- » 3D Auto Alignment function allows quicker and easier measurement
- » Smooth operation
- » 8.5 inch wide touchscreen control panel
- » Soft air puff
- » Higher measurement success rate for eyes with IOL, in the IOL measurement mode
- » Compensated IOP values with central corneal thickness values*
- » Compact designed body
- » Easy set-up with a LAN network



Soft Air Puff

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

Adjusted Tono value*

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



One Touch Lock

The one touch lock supports a quick switch to lock the body. For a more safer examination, this stopper enables the operator to set the safety stopper which helps avoid the risk for the device to hit a patient's eye.



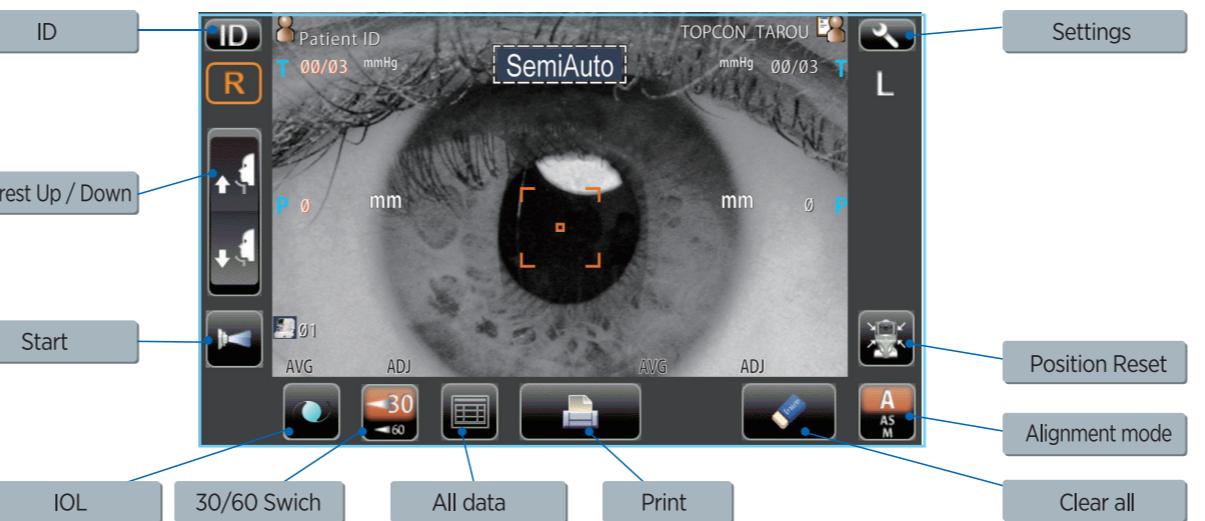
Easy Load Printer

The CT-800A is equipped with a built-in thermal printer that can be easily loaded with a roll of paper.



Wide 8.5 inch Touchscreen Control Panel

The new CT-800A 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.



Easy Adjustment of Chin-rest with Touch Panel

Up/down adjustment of chin-rest is easily operated with the icons on the touchscreen control panel.

Alignment mode

"A" (Semi Auto Mode)

Once pupil is roughly aligned, fine focus and measurement are performed automatically.

"AS" (Auto Shoot Mode)

Once the manual alignment is complete the measurement is taken automatically.

"M" (Manual Mode)

All processes are performed manually.

IOL Mode

The IOL mode supports improved success rate to measure eyes with an IOL.

Print data sample

