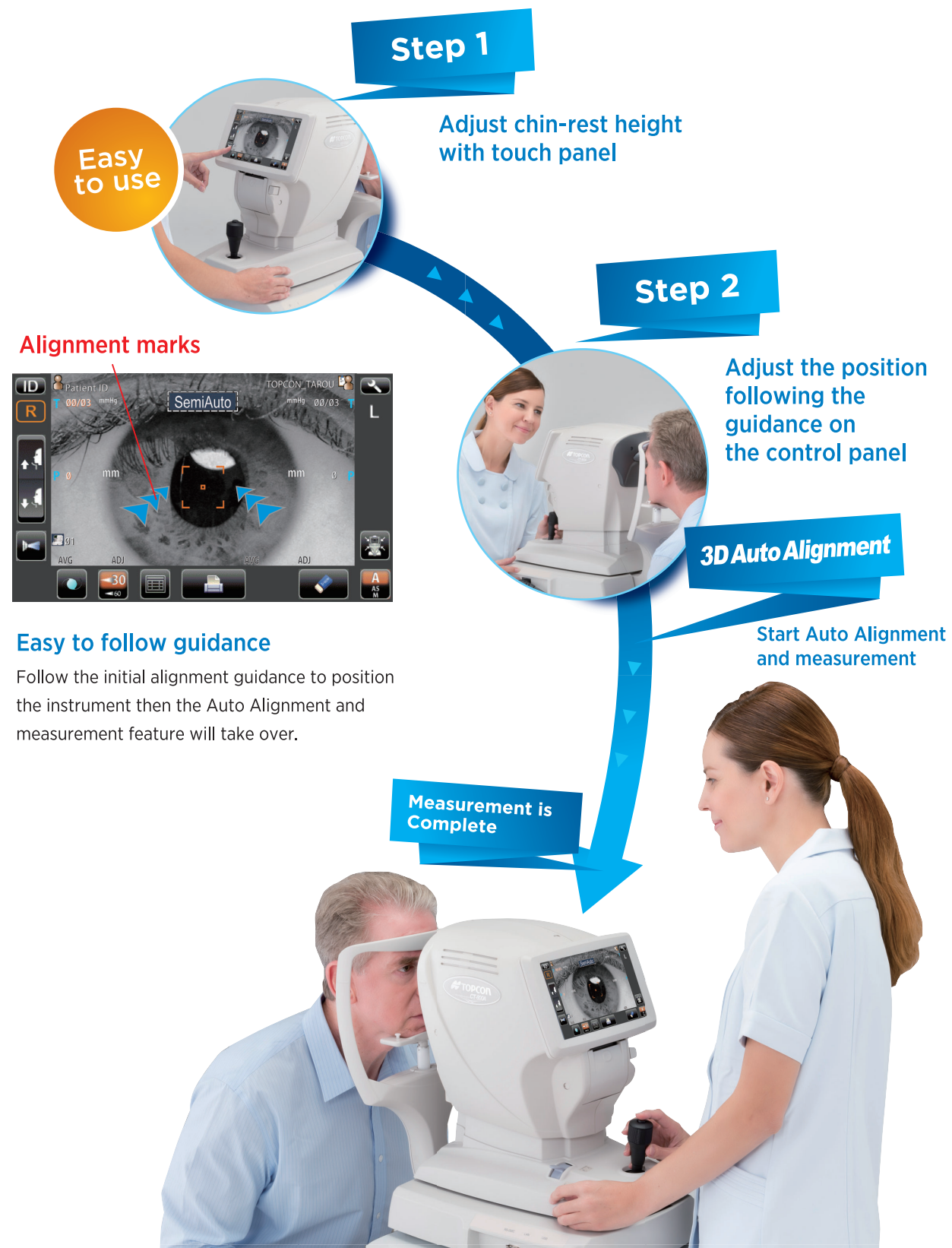


Quicker measurement with 3D Auto Alignment Function

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



* Contact Topcon subsidiaries or dealers for system configurations.



* Not available for sale in the United States.
* Not available in all countries, please check with your distributor for availability in your country.
* Subject to change in design and/or specifications without advanced notice.

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

TOPCON CORPORATION
75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan. Phone:+81-(0)3-3558-2522/2502 Fax:+81-(0)3-3965-6898 www.topcon.co.jp

TOPCON MEDICAL SYSTEMS, INC.
111 Bauer Drive, Oakland, NJ 07436, U.S.A.
Phone:+1-201-599-5100 Fax:+1-201-599-5250 www.topconmedical.com

TOPCON HEALTHCARE SOLUTIONS, INC.
111 Bauer Drive, Oakland, NJ 07436, U.S.A.
Phone: 1-201-599-5100 Fax: 1-201-599-5250 www.topconhealth.com

TOPCON CANADA INC.
110 Provencher Avenue, Boisbriand, QC J7G 1N1 CANADA
Phone:+1-450-430-7771 Fax:+1-450-430-6457 www.topconca.com

TOPCON EUROPE MEDICAL B.V.
Esebaan 11, 2908 LJ Capelle a/d IJssel, RD,Box145,
2900 AC Capelle a/d IJssel, THE NETHERLANDS
Phone:+31-(0)10-4585077 Fax:+31-(0)10-4585045
E-mail: medical@topcon.eu www.topcon-medical.eu

ITALY OFFICE
Viale dell'Industria 60, 20037 Paderno Dugnano, (Milano), ITALY
Phone:+39-02-986671 Fax:+39-02-9808091 E-mail: info@topcon.it www.topcon.it

DENMARK OFFICE
Præstemarkvej 25, 4000 Roskilde, DENMARK
Phone:+45-46-327500 Fax:+45-46-327555
E-mail: topcon@topcon.dk www.topcondanmark.dk

IRELAND OFFICE
Unit 276, Blanchardstown, Corporate Park 2 Ballycoolin Dublin 15, IRELAND
Phone:+353-8975900 Fax:+353-8923915 E-mail: medical@topcon.ie www.topcon.ie

TOPCON FRANCE MEDICAL S.A.S.
BAT A1, 3 route de la revolte, 93206 Saint Denis Cedex, France
Phone:+33-1-4912323 Fax:+33-1-4912084 E-mail:topcon@topcon.fr www.topcon.fr

TOPCON DEUTSCHLAND MEDICAL G.m.b.H.
Hanna-Martin-Schlager Strasse 41, D-47877 Willich, GERMANY
Phone:+49-(0)2154-8850 Fax:+49-(0)2154-88517 E-mail:med@topcon.de www.topcon.de

TOPCON SCANDINAVIA A.B.
Neogatan 2, EC,Box 25, 43151 Mölndal, SWEDEN
Phone:+46-0319-709200 Fax:+46-0319-709949 E-mail:medical@topcon.se www.topcon.se

TOPCON ESPAÑA S.A.
HEAD OFFICE
Frederic Mompou 4 Esc. A Bajos 3, 08960 Sant Just Desvern Barcelona, SPAIN
Phone:+34-93-4744057 Fax:+34-93-4733933 E-mail: medical@topcon.es www.topcon.es

TOPCON (GREAT BRITAIN) MEDICAL LTD.
Topcon House, Kennet Side, Bone Lane, Newbury, RG14 5PX UK
Phone:+44-835-551020 Fax:+44-835-551070 E-mail:medical@topcon.co.uk www.topcon.co.uk

TOPCON POLSKA Sp. z o.o.
ul. Warszawska 23, 42-470 Siewierz, POLAND
Phone:+48-(0)32-6705045 Fax:+48-(0)32-6713405 www.topcon-polska.pl

Mehra Eyeteck Private Limited
801 B Wing, Lotus Corporate Park, Graham Frith Steel Compound Goreang (East)
Mumbai 400063 Maharashtra, INDIA
Phone:+91-22-81285455 www.mehraeyeteck.in



TOPCON CORPORATION



TOPCON CORPORATION

TOPCON SINGAPORE MEDICAL PTE. LTD.
1 JALAN KILANG TIMOR 809-01 PACIFIC TECH CENTRE SINGAPORE 159033
Phone:+65-68720606 Fax:+65-6773650
E-mail:medical_sales@topcon.com.sg www.topcon.com.sg

REPRESENTATIVE OFFICE IN INDONESIA
Level 3B, Tower A, Kota Kasablanka unit GH-04, Jl. Casablanca, Kav. 88, Jakarta, Indonesia 12870
Phone:+62-21-2963-8004

TOPCON INSTRUMENTS (MALAYSIA) SDN.BHD.
No. 01, (Ground Floor), Jalan Excella 2, Off Jalan Ampang Putra,
Taman Ampang Hill, 55100 Kuala Lumpur MALAYSIA
Phone:+60-(0)3-42709866 Fax:+60-(0)3-42709766

TOPCON INSTRUMENTS (THAILAND) CO.,LTD.
77/62, Sinsathorn Tower, 57th Floor,Kingthonburi Rd.,Alongjorn,
Klongsarn, Bangkok 10600,THAILAND
Phone:+66-(0)2-440-1152-7 Fax:+66-(0)2-440-1158

TOPCON (BEIJING) MEDICAL TECHNOLOGY CO., LTD.
Room 2808, Tower C, JinChangJian Building No.22 Section of East 4th Ring Road,
Chaoyang District, Beijing 100124, P.R.China
Phone:+86-10-87945176

CT-800A

Computerized Tonometer



YOUR VISION. OUR FOCUS.

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.



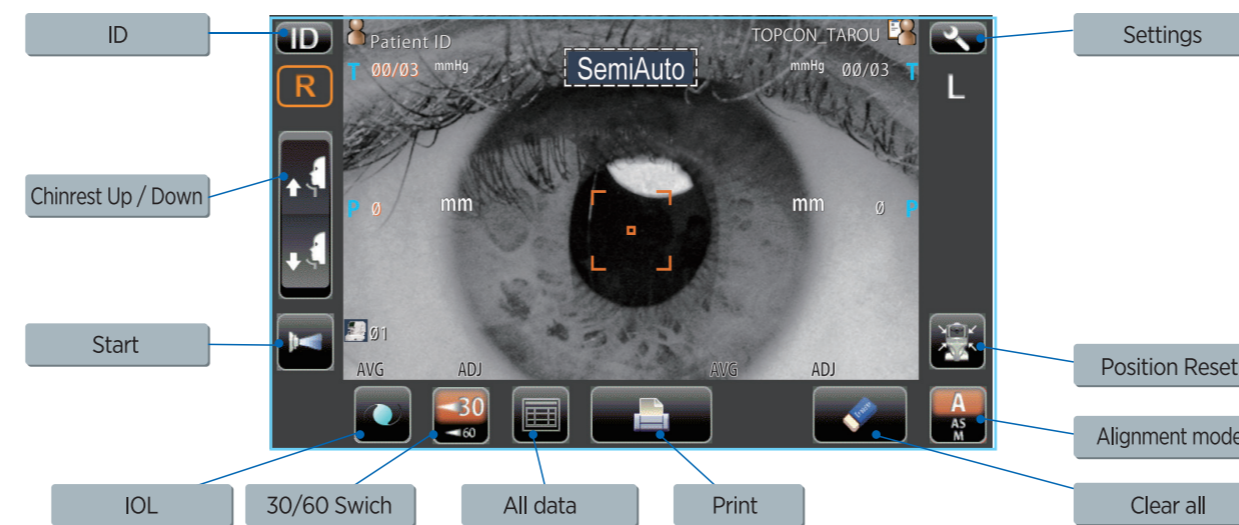
Easy Load Printer

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.

IOL Mode

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

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.

Print data sample

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

- 1 IOP values
- 2 Compensated IOP values with central corneal thickness
- 3 Average value of IOP
- 4 Central corneal thickness value which the operator entered for compensation



* Adjusted Tono Value is reference value