

## 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,

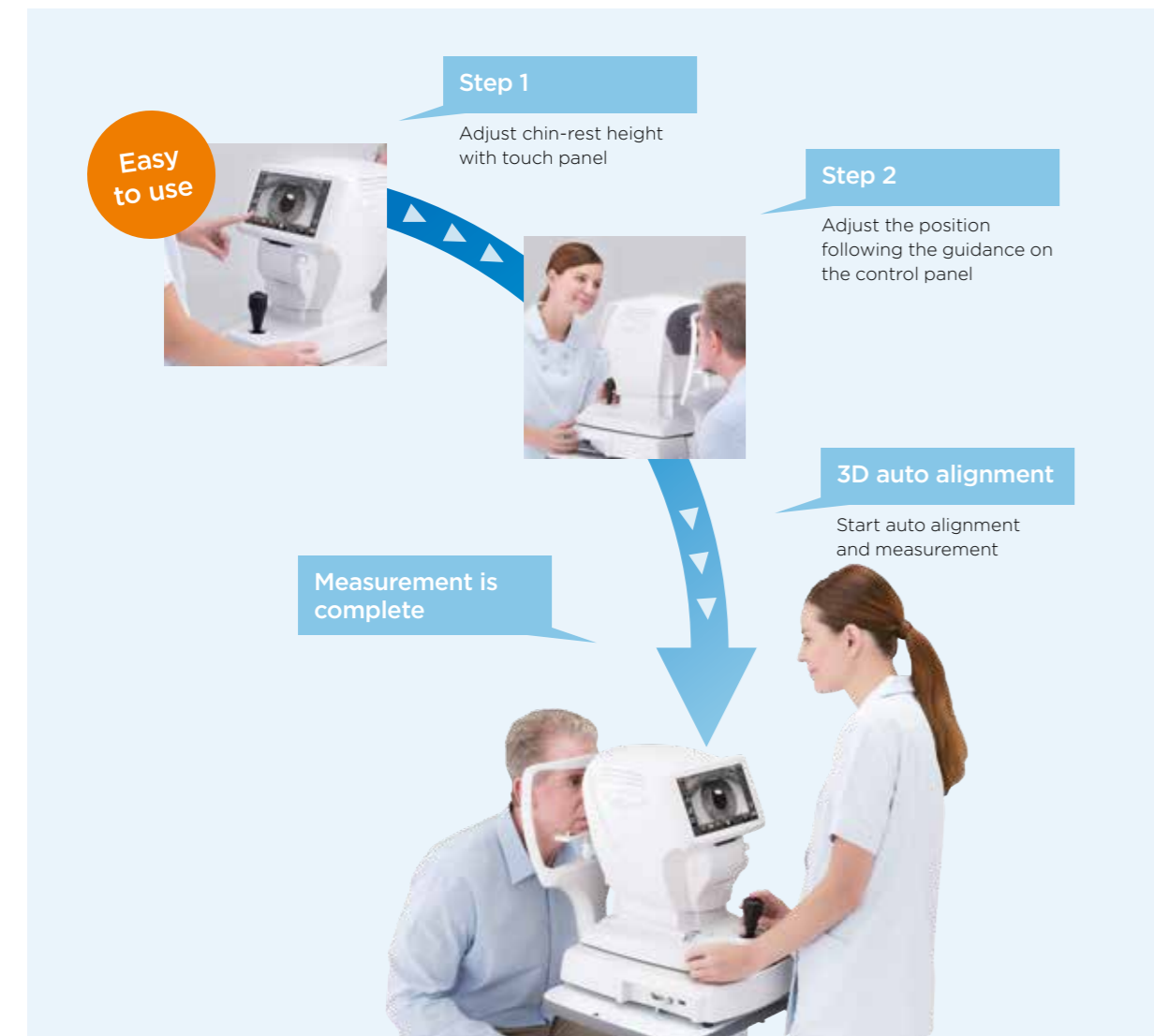
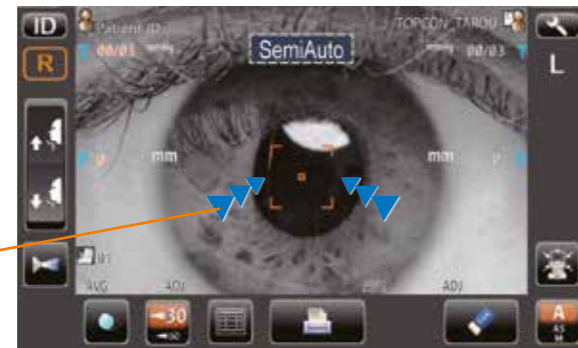
and then alignment and measurement will start automatically. 3D auto alignment function supports easy operation.

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

### Easy to follow guidance

Follow the initial alignment guidance to position the instrument, then the auto alignment and the measurement feature will take over.

Alignment marks



### Specifications

### CT-800A

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) x 521 ~ 538mm(D) x 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 Europe Medical B.V.**  
 Essebaan 11, 2908 LJ Capelle a/d IJssel, P.O. Box 145,  
 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

**Topcon España S.A.**  
 HEAD OFFICE: Frederic Mompou, 4,  
 08960 Sant Just Desvern; Barcelona, Spain  
 Phone: +34-93-4734057; Fax: +34-93-4733932  
 E-mail: medical@topcon.es; www.topcon.es

**Topcon Deutschland GmbH**  
 Hans-Martin-Schleyer-Strasse 4t,  
 D-47877 Willich, Germany  
 Phone: (+49) 2154-885-0; Fax: (+49) 2154-885-177  
 E-mail: info@topcon-medical.de; www.topcon-medical.de

**Topcon Ireland**  
 Unit 276, Blanchardstown; Corporate Park 2  
 Ballycoolin; Dublin 15, Ireland  
 Phone: +353-18975900; Fax: +353-18293915  
 E-mail: medical@topcon.ie; www.topcon.ie

**Topcon Danmark**  
 Præstemarksvej 25, 4000 Roskilde, Denmark  
 Phone: +45-46-327500; Fax: +45-46-327555  
 E-mail: info@topcon.dk  
 www.topcon.dk

**Topcon Italy**  
 Viale dell'Industria 60,  
 20037 Paderno Dugnano, (MI) Italy  
 Phone: +39-02-9186671; Fax: +39-02-91081091  
 E-mail: info@topcon.it; www.topcon.it

**Topcon Polska Sp. z o.o.**  
 ul. Warszawska 23, 42-470 Siewierz; Poland  
 Phone: +48-(0)32-670-50-45; Fax:  
 +48-(0)32-671-34-05  
 www.topcon-polska.pl

**Topcon Scandinavia A.B.**  
 Neongatan 2, P.O. Box 25, 43151 Mölndal, Sweden  
 Phone: +46-(0)31-7109200; Fax: +46-(0)31-7109249  
 E-mail: medical@topcon.se; www.topcon.se

**Topcon France**  
 BAT A1, 3 route de la révolte, 93206 Saint Denis Cedex  
 Phone: +33-(0)1-49212323; Fax: +33-(0)1-49212324  
 E-mail: topcon@topcon.fr; www.topcon-medical.fr

**Topcon (Great Britain) Ltd.**  
 Topcon House; Kennet Side; Bone Lane; Newbury  
 Berkshire RG14 5PX; United Kingdom  
 Phone: +44-(0)1635-551120; Fax: +44-(0)1635-551170  
 E-mail: medical@topcon.co.uk; www.topcon.co.uk



**TOPCON CORPORATION**  
 75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan.  
 Phone: 3-3558-2523/2522; Fax: 3-3960-4214; www.topcon.co.jp

# Computerized Tonometer

## CT-800A



Item code: 42-000002 / printed in Europe 0116

PERFORMANCE  
 YOU CAN COUNT ON



# Workflow efficiency with the 3D auto alignment

## More efficient operation and workflow

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



### 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.

### 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

### 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 measuring process.



### Easy adjustment of touchscreen controlled chinrest

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

### IOL mode

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

### Alignment mode

#### "A" (Semi auto mode)

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

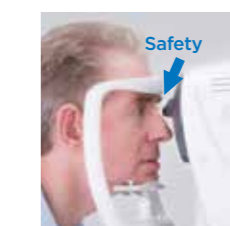
#### "AS" (Auto shoot mode)

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

#### "M" (Manual mode)

All processes are performed manually.

\* Adjusted tono value is reference value



### 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 paper roll.

### Print data sample

2014_02_14		AM 10:37	
<b>TONO. DATA</b>			
(R)	mmHg	ADJ.	mmHg
1	17	17	17
	16	16	16
	17	17	17
<b>AVG.</b>			
3	16.7	16.7	16.7
<b>PACH. DATA</b>			
(R)	mm	(L)	mm
4	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

