

# TRK-2P

Auto Kerato-Refracto Tonometer



# 4in1

The TRK-2P offers four diagnostic capabilities and is the ideal advanced patient pre-test station.

The new TRK-2P features a fully automated alignment and measurement system, combining an Auto-Refractometer, Keratometer, Non-Contact Tonometer and Pachometer in one instrument. The compact size and rotating colour touch screen control panel offers total flexibility for the operator and also instrument location. The new TRK-2P enhances patient flow and practice efficiency.





## Features

- » Refractometer, Keratometer, Non-Contact Tonometer, and Pachometer in one single instrument
- » Fully automated measurement and alignment
- » Rotating touch screen control panel
- » Compact and modern design

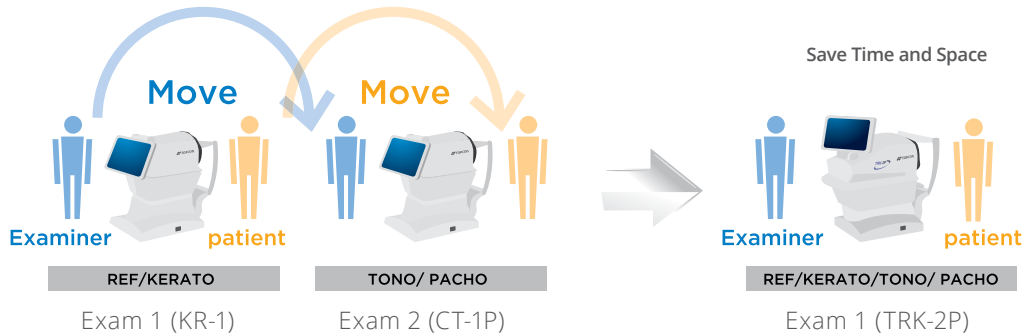


# TRK-2P

4 in 1 Advanced Pre Testing Station

## Save space and patient test time

With 4 instrument functions in 1, the compact, ergonomically designed TRK-2P will free up practice space and save valuable patient test time. It can easily fit into the smallest of spaces and will help a busy practice with patient flow. Your patients will appreciate not having to be moved from one instrument to another.



## Fully automated measurement

The TRK-2P features a fully automated alignment and measurement system with the touch of your fingertip on the colour display, the TRK-2P will measure both eyes accurately and efficiently.



## Flexible and space saving layout

The rotating touch screen control panel allows the TRK-2P to be positioned against the wall; in the corner or in the classic forward facing way, saving valuable space in the exam room. The operator also has flexibility to operate the TRK-2P from any position allowing them to observe the patient more efficiently.



Front Position



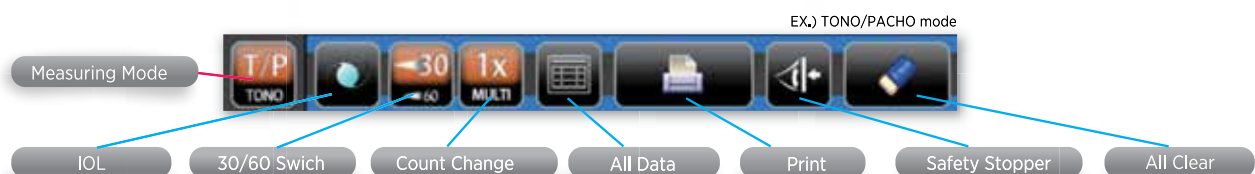
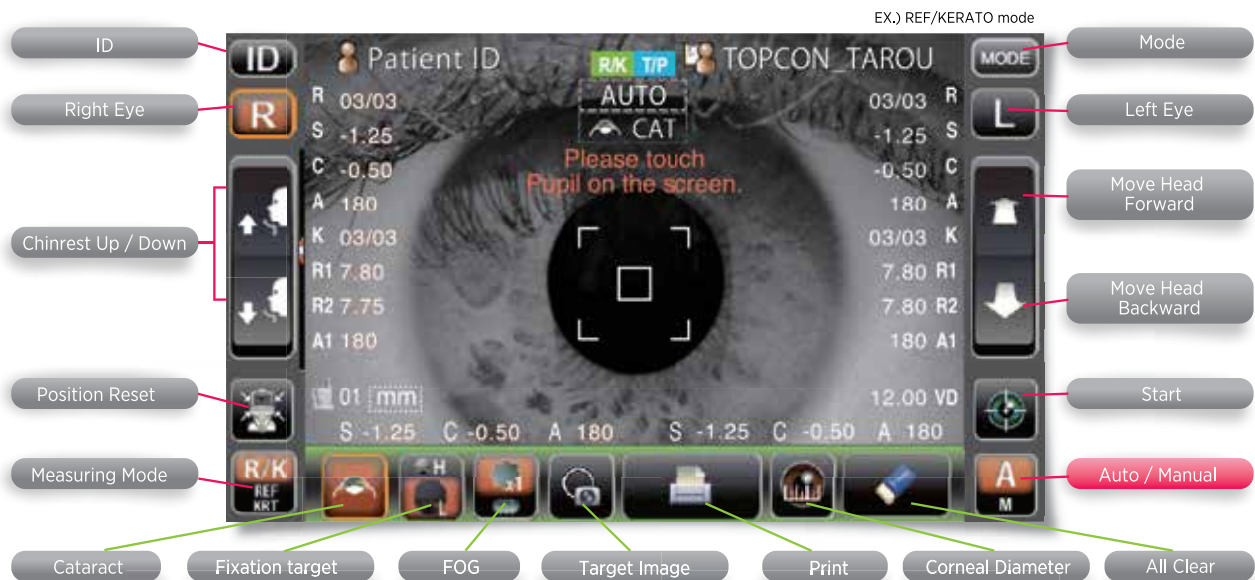
Side Position



Back Position

## Easy-to-Use 8.5 inch colour touch panel display

The large colour touch panel, clearly displays the patients eye, operating icons and all measurement results, making it very easy to use and to understand exactly how the TRK-2P is performing during the patient measurement process.





# TRK-2P

## 4 in 1 Advanced Pre Testing Station



### Instant trigger

For patients unable to fixate on the same point for a period of time, the TRK-2P has an instant trigger button. The operator is in full control throughout the measurement process and the trigger button can be pressed at any point, even once the auto alignment has started.

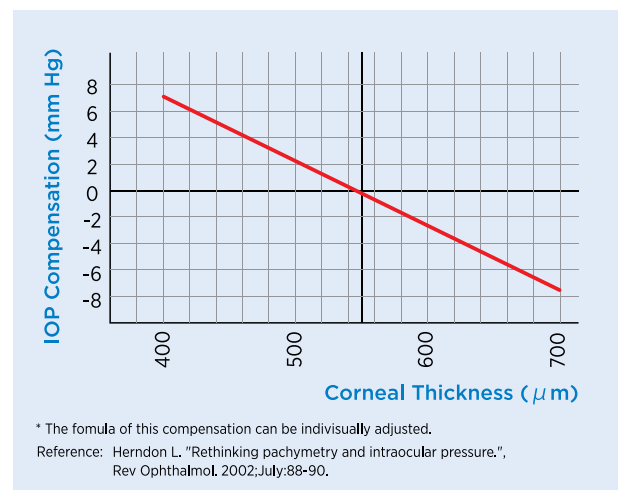


Touch and measure



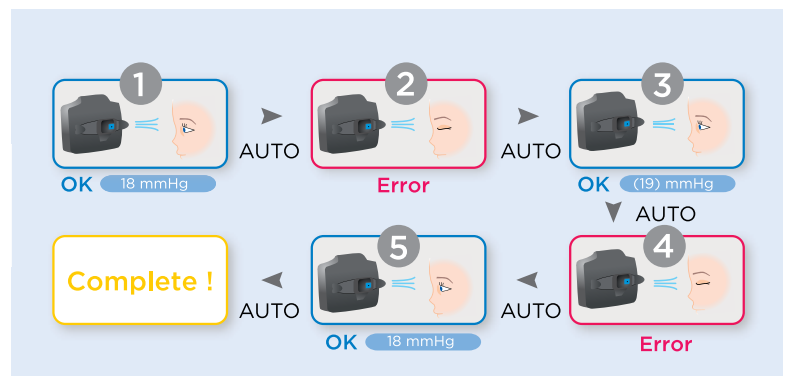

### CCT and reliable (IOP) measurements

The TRK-2P provides accurate and reliable intraocular pressure measurements. Studies show that the corneal thickness directly correlates to IOP measurements. The built-in pachometer function can be used to adjust the IOP value depending if the cornea is thicker or thinner than average. The integrated formula for IOP adjustment can be customised by the eyecare professional based on the latest clinical research.




### Additional Measurement Mode

If a measurement error occurs, the Additional Measurement Mode allows the TRK-2P to automatically take additional IOP measurements until all measurements are completed and error free, saving patient re-test time.



\* Additional measurement mode is available in setting menu.

\* Preset count can be also selected in the menu. In the example, the image shows the case preset count is 3.

## Comfortable manual mode



If required, the TRK-2P can be used in manual mode. To do this, tap on the pupil image on the screen and the TRK-2P will then follow your finger position.

## Accurate and reliable refractive measurements

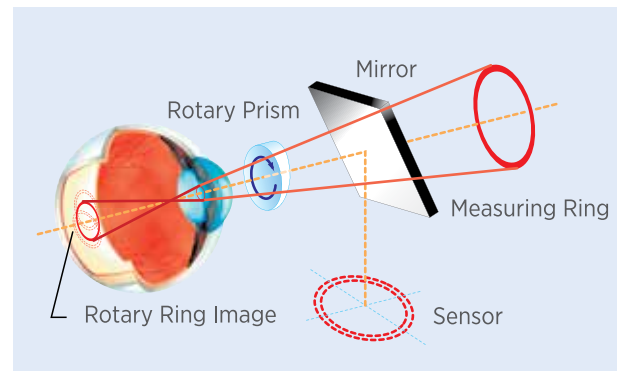


With Topcon's exclusive Rotary Prism Technology, the TRK-2P provides unmatched accuracy and reliability. The innovative optical design incorporated into the TRK-2P allows for accurate and reliable measurements with a pupil as small as  $\varnothing$  2mm.

## Cataract mode



TRK-2P has a built-in function that allows for measurement of patients who have cataract or an opacity, this function works automatically or manually.



## Softer air puff



Improved software controls the optimal amount of air required for every IOP measurement for each individual eye. A softer air puff improves patient comfort resulting in an improved measurement experience.

## Built-in autocut printer



The TRK-2P is equipped with a built-in thermal printer that can be easily loaded with a roll of paper. The TRK-2P cuts the paper automatically at the end of printing.



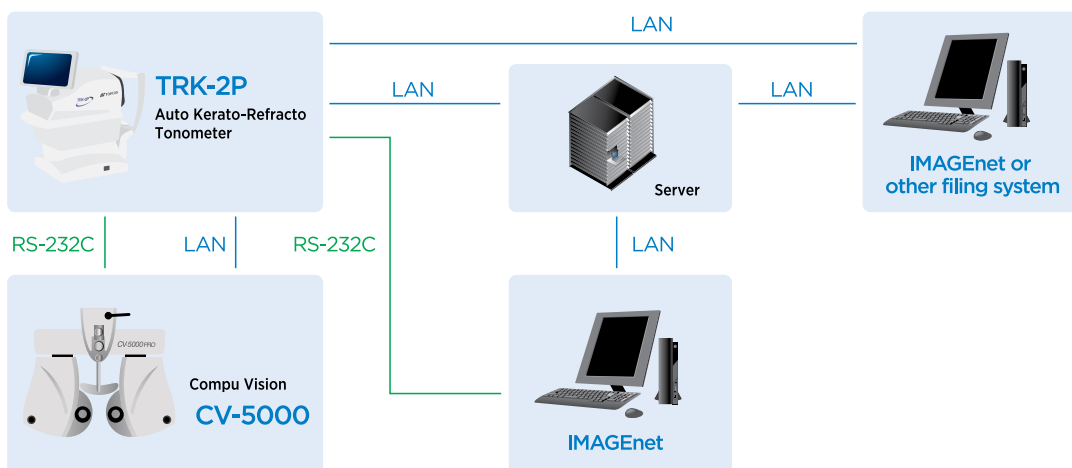
## Specifications

REF Measurement	
Measuring range	Spherical refractive power : -30D to +25D (0.12D/0.25D steps)* Cylindrical refractive power: 0D to ±12D (0.12D/0.25D steps)* Direction of astigmatic axis: 0° to 180° (1°/5° steps)
Minimum measurable pupil diameter	Ø 2.0 mm
PD measurement range	20 to 85 mm (0.5 mm step)
Target fixation	Auto fog system
KRT Measurement	
Measuring range	Cornea curvature radius: 5.00 mm to 13.00 mm (0.01 mm step) Corneal refractive power: 67.50D to 25.96D (0.12D / 0.25D steps) (where, corneal refractive power =1.3375D) Corneal astigmatic power: 0D to ±12D (0.12D / 0.25D steps) Direction of corneal astigmatic axis: 0° to 180° (1°/5° steps)
Ocular Pressure Measurement	
Measuring range	1 to 60 mmHg (1 mmHg step)
Cornea Thickness Measurement	
Measuring range	0.400 mm to 0.750 mm (0.001 mm step)
Others	
Chinrest travel distance	up/down: 67 mm
Other Specifications	
Dimensions	293–396 mm (W) x 505–601 mm (D) x 470–682 mm (H)
Weight	22.0 kg
Power Supply	100-240V AC, 50-60Hz, 100VA

\* -30D ≤ spherical refractive power + cylindrical refractive power or spherical refractive power + cylindrical refractive power ≤ +25D

## Flexible data management options

measurement data can also be sent directly to your EMR system or your automated refraction head for improved efficiency.



**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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**AUS** 1800 806 006  
customers@device.com.au  
www.device.com.au

**NZ** 0508 DEVICE (338 423)  
customers@device.co.nz  
www.device.co.nz