TRK-2P

Auto Kerato-Refracto-Tonometer

TOPCON Healthcare

SEEING EYE HEALTH DIFFERENTLY

4-in-1 Advanced Pretesting Station

The TRK-2P combines an auto-refractometer, keratometer, non-contact tonometer and pachymeter into a single, compact instrument.

Overview

4-in-1 instrument minimizes patient movement to **speed up pre-testing**

Fully automated acquisition simplifies operation

Rotating **touch screen** control panel allows flexible configuration for any practice setting

Compact design saves space

Fully Automated Measurement

The TRK-2P is fully automated and captures data from both eyes with the touch of a button to improve efficiency and patient comfort.

Flexible and Space Saving Layout

The rotating touch screen control panel enables the instrument to be positioned against the wall, in the corner of the room or facing forward for ultimate flexibility.

Front Position

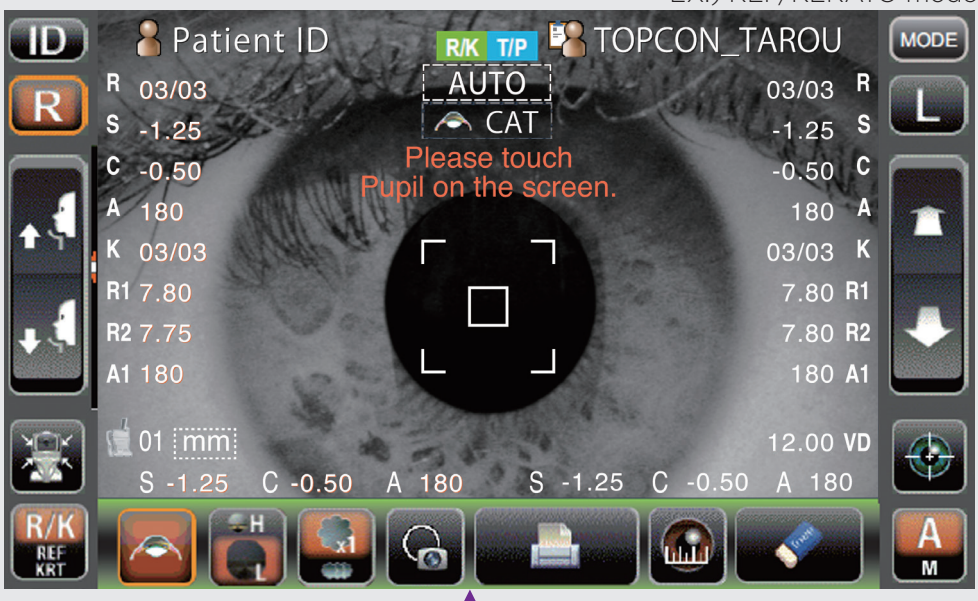
Side Position

Back Position

Easy-to-Use Touch Screen

The TRK-2P features a large touch screen panel that shows a live anterior image during measurement acquisition. When needed, the panel may be used for manual alignment and capture. Icons show all available measurement modes and setting options for easy operation.

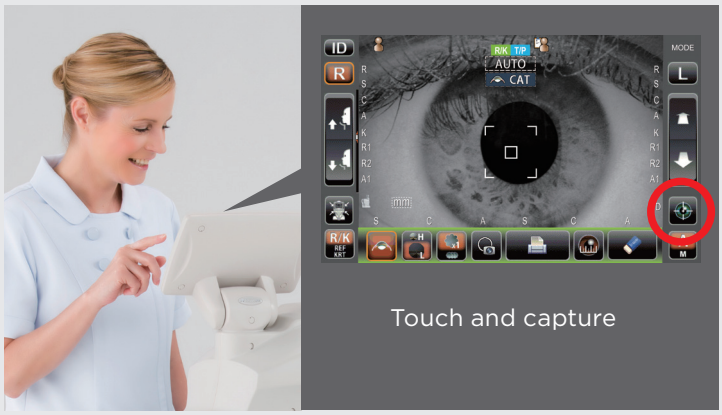
EX.) REF/KERATO mode



EX.) TONO/PACHO mode

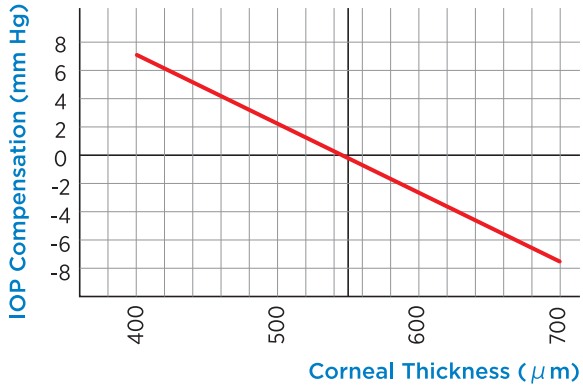
Instant Trigger

For patients unable to fixate on the same point for a period of time, the TRK-2P has an instant trigger button that gives the operator full control throughout the measurement process. Once the trigger button is pressed, auto-alignment will begin.



Pachymetry and IOP Measurements

Built-in pachymetry allows the clinician to correct the calculated IOP value if the cornea is thinner or thicker than average. The integrated formula for IOP compensation can be customized to reflect the latest clinical research.



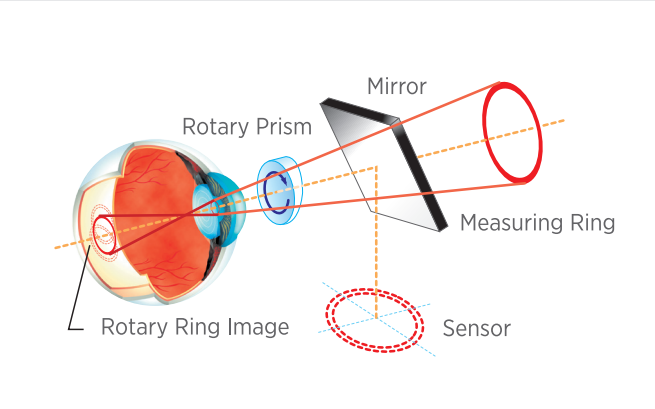
* The formula of this compensation can be individually adjusted.
Reference: Herndon L. "Rethinking pachymetry and intraocular pressure.", Rev Ophthalmol. 2002; July: 88-90.

Cataract Mode

Cataract mode increases the exposure level to assist in capturing measurements in patients who have cataracts or other media opacities.

Rotary Prism Technology

Decreases artifact from the fundus to provide stable measurements.



Built-In Thermal Printer

Optional Joystick*

Offers an alternative to the touch-screen panel for operators who prefer joystick control.

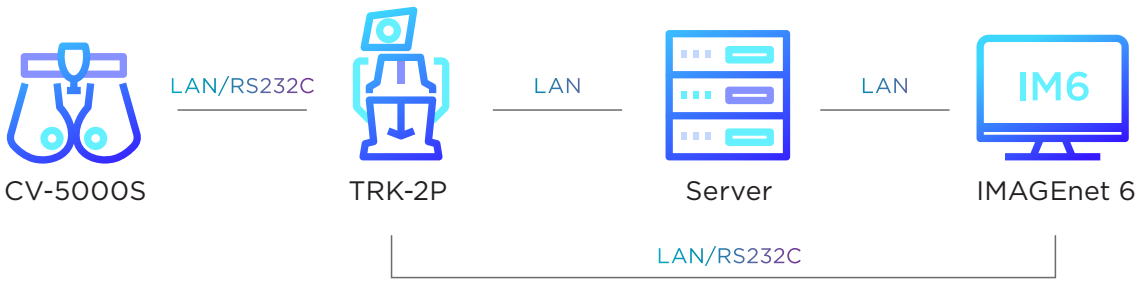
*Not for sale in all countries. Please ask your distributor for availability.

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	Φ 2.0mm
PD measurement range	20 to 85mm (1mm step)
Target fixation	Auto fog system
KRT Measurement	
Measuring range	Corneal curvature radius: 5.00mm to 13.00mm (0.01mm step) Corneal refractive power: 67.50D to 25.9612D (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 60mmHg (1mmHg step)
Corneal Thickness Measurement	
Measuring range	0.400mm to 0.750mm (0.001mm step)
Others	
Chinrest travel distance	Up/down: 67mm
Other Specifications	
Dimensions	293~396mm(W) x 505~601mm(D) x 470~682mm(H)
Weight	22.0kg
Power Supply	100-240V AC, 50-60Hz, 100VA

* -30D ≦ spherical refractive power + cylindrical refractive power or spherical refractive power + cylindrical refractive power ≦ +25D

System Chart



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* 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.

MCA#:4630

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