

Specifications

Refractive Power Measurement	Spherical refractive power	-25D to +25D (0.12D/0.25D steps) ¹
	Cylindrical refractive power	0D to ±10D (0.12D/0.25D steps) ¹
	Axis	1° to 180° (in 1° or 5° steps)
	Minimal measurable pupil diameter	φ2 mm
Corneal Curvature Measurement	Corneal curvature radius	5.00 to 10.00mm (0.03mm steps)
	Corneal refractive power	67.50D to 33.75D (0.12D/0.25D steps) (where corneal refractive power = +1.3375)
	Corneal astigmatic refractive power	0D to ±10D (0.12D/0.25 D steps)
	Corneal astigmatic axial angles	1° to 180° (1°/ 5° steps)
PD Measurement Range		20mm to 85mm (0.5mm steps)
Data Transport Terminal		USB (Import) / RS-232C (Import/Export) / LAN (Export)
Dimensions		321-340mm (W) x 523-539mm (D) x 490-520 mm (H)
Weight		18 kg
Power Supply		100-240V AC, 50-60Hz, 5S-90VA

1. 0.03 D spherical refractive power = 0.03mm cylindrical power or spherical refractive power + spherical refractive power = 0.03 D



2. Please ask your dealer or distributor for details and availability of other systems and software.
3. Connection with other software and other systems is not certified by Topcon.



* Subject to change in design and/or specifications without advance notice.
** In order to obtain the best results with this instrument, please use best practice at user's discretion and to the device.

IMPORTANT

TOPCON CORPORATION

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TOPCON MEDICAL SYSTEMS, INC.

TOPCON HEALTHCARE SOLUTIONS, INC.

TOPCON CANADA INC.

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KR-800PA

Auto Kerato-Refractometer



YOUR VISION. OUR FOCUS.

KR-800PA

Auto Kerato-Refractometer

Enhanced Auto Kerato-Refractometer

offering quick and stable measurements and informative corneal color mapping



Quick and stable

- Stable and efficient examination
- Patented **Rotary Prism** technology ensures stable, repeatable measurements



Corneal Shape Information

- Informative corneal color mapping



Efficient Examination

- Semi-automatic alignment with **automated capture**
- Color mapping data can be acquired simultaneously with the refractive data in **one capture**



Patient Friendly

- Invisible infrared light

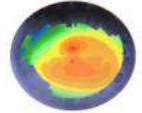


Space Saving

- 3 in 1 (REF/KRT/Corneal Mapping)
- Compact design

Informative

The **Corneal Color Mapping** is easily acquired together with exam data from the Refractometer/Keratometer. There is no need for an additional acquisition to obtain corneal color mapping data. The KR-800PA can improve your examination workflow and function as a screening device, providing additional information to help you customize patient care.



Patient Friendly

The **Infrared Light**, used by the KR-800PA for color mapping examination, measures without the use of visible light. There is no bright light source to cause discomfort or pupil constriction during the examination.



Space Saving

The **3 in 1** feature of the KR-800PA and compact design contributes to additional space savings for your practice. **Combination REF/KRT and Corneal Color Mapping** optimizes clinic workflow.



Ease of Use

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

