

KR-800/RM-800

Auto Kerato-Refractometer/Auto Refractometer



 **TOPCON** Healthcare

Premium value based upon 70 years of experience

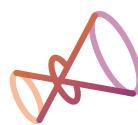


The KR-800 Auto Kerato-Refractometer and RM-800 Auto Refractometer incorporate the state-of-the-art design technology and ergonomics. They both feature a bright 8.5 inch color touch screen panel to control the main functions and an improved control lever operation due to a 23% reduction in weight from the previous models. Topcon's auto refractometers have been renowned for the proven Rotary Prism Technology, which provides the stable measurements in daily practice.

Overview



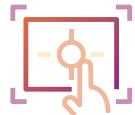
**Auto
Kerato-Refractometer***



**Rotary Prism
Technology**



Easy to use



**8.5 inch wide touchscreen
control panel
LCD**



**Small footprint
Space Saving
Compact and modern design**



**Easy set-up with a
LAN network**

Wide 8.5 inch touch screen control panel

The KR-800/RM-800 is equipped with a wide 8.5 inch color touch screen panel featuring clear, easy to read icons during the measuring process.



Smooth movements

Topcon's ability to engineer a weight reduction of approximately 23%* has contributed to a smoother operation of the unit when using the X-Y control lever. This all contributes to a more fluid measuring process.



One touch lock

Both instruments are fitted with a quick and easy to use lock.

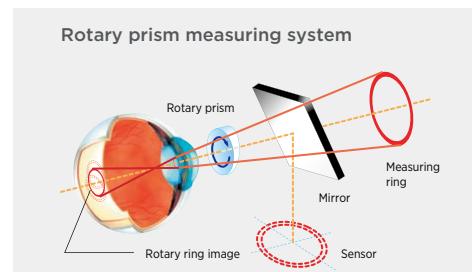


Easy load printer

The printer on the units saves you time by eliminating the need to load new printer rolls. You simply drop the new roll and print.

Topcon's Rotary Prism Measuring System

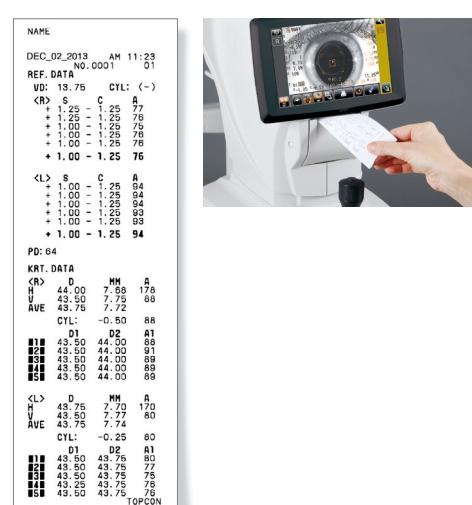
With Topcon's Rotary Prism Technology, the KR-800/RM-800 provides stable measurement, even for patients with media opacities.



Printed data

A complete print out of the acquired data is available at the touch of a button. The operator can choose among three printed data formats:

- 1. All:** Prints out all measurements (up to 10 readings per eye);
- 2. Ave:** Prints out an averaged value for all measurements;
- 3. Classic:** Outputs data of all (up to 10) measurements for both eyes and the results of one measurement and the average measured value of horizontal and vertical corneal curvature for both eyes. The general addition and estimated near PD value can be printed out.



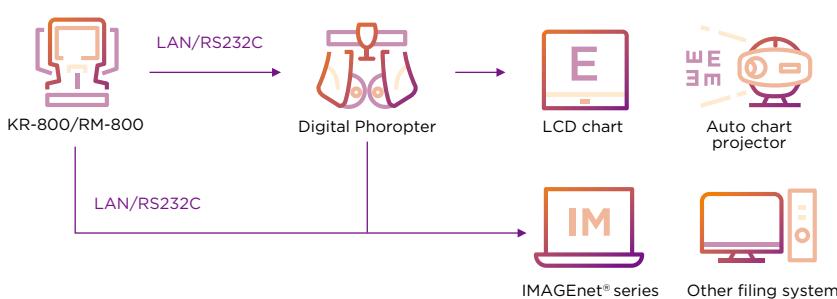
Specifications of

KR-800

RM-800

Refractive Power Measurement	Spherical refractive power:	-25D to +22D (0.12D/0.25D steps)*	-25D to +22D (0.12D/0.25D steps)*		
	Cylindrical refractive power:	0D to \pm 10D (0.12D/0.25D steps)*	0D to \pm 10D (0.12D/0.25D steps)*		
	Astigmatic axis angle:	0° to 180° (1°/ 5° steps)	0° to 180° (1°/ 5° steps)		
	Minimal measurable pupil diameter:	φ2 mm	φ2 mm		
Corneal curvature radius:		5.00mm to 10.00 mm (0.01mm step)			
Corneal Curvature Measurement	Corneal refractive power:	67.50D to 33.75D (0.12D/0.25D steps) (keratometric corneal refractive index = 1.3375)			
	Corneal astigmatic axis angle:	0° to 180°(1°/ 5° steps)			
	Corneal astigmatic refractive power:	0D to \pm 10D (0.12D/0.25D steps)			
PD Measurement Range	20mm to 85mm (0.5mm step)				
Data Transport Terminal	USB (Import), RS-232C (Export), LAN (Export)				
Dimensions	317-341mm (W) x 521-538mm (D) x 447-477 mm (H)				
Weight	15kg				
Power Supply	100-240V AC, 50-60Hz, 30-70VA				
* -25D \leq spherical refractive power + cylindrical refractive power or spherical refractive power + cylindrical refractive power \leq +22D					

System Chart



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

Not all products, services, or offers are available in all markets. Contact your local distributor for country-specific information and availability.



TOPCON HEALTHCARE SOLUTIONS EMEA OY
Saaristonkatu 9, 90100 Oulu, FINLAND
Phone: +358-20-734-8190
E-mail: thsemea.sales@topcon.com
www.topconhealthcare.eu

TOPCON SCANDINAVIA
Neongatan 2, P.O.Box 25, 43151 Mölndal SWEDEN
Phone: +46-(0)31-7109200
Fax: +46-(0)31-7109249
E-mail: info.hcs.se@topcon.com
www.topconhealthcare.eu/sv_SE

TOPCON FRANCE MEDICAL
1 rue des Vergers, Parc Swen, Bâtiment 2, 69760 Limonest, FRANCE
Phone: +33-(0)4-37 58 19 40
Fax: +33-(0)4-72 23 86 60
E-mail: topconfrance@topcon.com
www.topconhealthcare.eu/fr_FR

TOPCON GREAT BRITAIN MEDICAL
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.tgbm@topcon.com
www.topconhealthcare.eu/en_UK

TOPCON ESPAÑA
Oficina Principal en España
Frederic Mompou, 4,
08960 Sant Just Desvern, Barcelona, SPAIN
Phone: +34-93-4734057
Fax: +34-93-4733932
E-mail: medica@topcon.com
www.topconhealthcare.eu/es_ES

TOPCON DEUTSCHLAND MEDICAL
Hanns-Martin-Schleyer-Strasse 41,
D-47877 Willich, GERMANY
Phone: +(49)2154-885-0
Fax: +(49)2154-885-177
E-mail: info@topcon-medical.de
www.topconhealthcare.eu/de_DE

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
E-mail: info_tp@topcon.com
www.topconhealthcare.eu/pl_PL

TOPCON EUROPE MEDICAL B.V.
Essebaan 69, 2908 LJ Capelle a/d IJssel
THE NETHERLANDS
Phone: +31-(0)10-4585077
Fax: +31-(0)10-4585045
E-mail: medical@topcon.com
www.topconhealthcare.eu

TOPCON DANMARK MEDICAL
Praestensvej 25, 4000 Roskilde
DANMARK
Phone: +45-46-327500
Fax: +45-46-327555
E-mail: info.tdk@topcon.com
www.topconhealthcare.eu/dk_DK

TOPCON ITALY
Viale dell' Industria 60.
20037 Paderno Dugnano, (MI) ITALY
Phone: +39-02-9186671
E-mail: info_it@topcon.com
www.topconhealthcare.eu/it_IT

TOPCON IRELAND MEDICAL
Unit 292, Block G, Blanchardstown,
Corporate Park 2 Ballycoolin
Dublin 15, D15 DX58, IRELAND
Phone: +353-12233280
E-mail: medical.ie@topcon.com
www.topconhealthcare.eu/en_IE



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.topconhealthcare.jp

