

RC-5000

Auto Ref-Keratometer

Thanks to the electronics-controlled movement, you can operate and align the RC-5000 with the power motion joystick and/or touch screen – quick and easy. Highly accurate measurements combined with the very short examination time and easy handling make working with the TOMEY RC-5000 fast and professional.

Excellent features

- + Central and peripheral K-values
- + Colour touch screen
- + Pupil and cornea Ø measurement
- + Auto alignment and auto measurement
- + Power motion joystick



Specifications

REFRACTIVE POWER MEASUREMENT	
SPHERICAL REFRACTIVE POWER (S)	
Measurement range	-25.00 D to +22.00 D (at VD=12.0 mm)
Display unit	0.01 D, 0.12 D, 0.25 D
Minimum pupil diameter	Ø 2.2 mm
CYLINDRICAL REFRACTIVE POWER (C)	
Measurement range	0.00 D to ±10.00 D (at VD=12.0 mm)
Display unit	0.01 D, 0.12 D, 0.25 D
ASTIGMATISM AXIAL (A)	
Measurement range	0° to 180°
Display unit	1°
CORNEAL CURVATURE RADIUS MEASUREMENT	
CORNEAL CURVATURE RADIUS (K1, K2, AVG)	
Measurement range	5.00 mm to 11.00 mm
Display unit	0.01 mm
CORNEAL ASTIGMATISM AND AXIS (C, A)	
Measurement range (C)	0 D to 10 D (n=1.3375)
Measurement range (A)	0° to 180°
Measurement area cornea	Ø 3.0 mm / Ø 6.0 mm (at 8.00 mm corneal curvature)
AUXILIARY FUNCTION	
PD range	50 mm to 86 mm
MAIN UNIT	
Built-in printer	Thermal printer
Output	RS-232C
Display	5.7" colour LCD
DIMENSIONS AND ELECTRICAL REQUIREMENTS	
Dimensions WDH	300 mm × 493 mm × 466 mm
Weight	approx. 19 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	130 VA to 150 VA

TOMEY EUROPE
TOMEY GMBH



tomey.de

TOMEY GmbH is the European headquarter of TOMEY Corporation,
2-11-33 Noritakeshinmachi Nishi-Ku, Nagoya, 451-0051, Japan

2025/07 – subject to change without notice

Always read and follow the instructions for use.
Not all products, services or offers are approved or offered in every market. Please note that the current status of approval for the labelling, instructions and contents of the brochure may vary from one country to another.

