

RC-800

Auto Ref-Keratometer

The RC-800 is an ideal part of today's eye diagnostics. Accurate measurements in conjunction with a short examination time and easy handling make working with the TOMEY RC-800 fast and professional. You can operate and align the RC-800 with a combination of joystick and touch screen – all in a very short time.

Excellent features

- + Central K-values
- + Pupil and cornea \varnothing measurement
- + Colour touch screen
- + Auto-measurement
- + High-speed printer
- + High accuracy



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	\varnothing 2.0 mm

CYLINDRICAL REFRACTIVE POWER (C)

Measurement range	0.00 D to \pm 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°, 5°

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	\varnothing 3.0 mm (at 8.00 mm corneal curvature)

AUXILIARY FUNCTION

PD range	50 mm to 86 mm
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MAIN UNIT

Built-in printer	Thermal printer
Output	RS-232C, USB B
Display	5.7" colour LCD

DIMENSIONS AND ELECTRICAL REQUIREMENTS

Dimensions WDH	297 mm x 500 mm x 448 mm
Weight	approx. 17 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	85 VA to 100 VA

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