

RC-800

Auto Ref-Keratometer

The RC-800 is an integral part of today's eye diagnostics. Highly accurate measurements in conjunction with a very 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 minimum of time.

Excellent features

- + Central K-values
- + Pupil and cornea ø 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	Ø 2.0 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°, 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	Ø 3.0 mm (at 8.00 mm corneal curvature)
AUXILIARY FUNCTION	
PD range	50 to 86 mm
MAIN UNIT	
Built-in printer	Thermal printer
Output	RS-232C, USB B
Display	5.7" colour LCD
DIMENSIONS AND ELECTRICAL REQUIREMENTS	
Dimensions WDH	297 x 500 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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