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 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 × 493 × 466 mm
Weight	approx. 19 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	130 VA to 150 VA

TOMEY

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