Specifications

SPHERICAL REFRACTIVE POWER (S)	
Measurement range	-30.00 D to +25.00 D
Display unit	0.12 D / 0.25 D

CYLINDRICAL REFRACTIVE POWER (C)	
Measurement range	0.00 D to ±10.00 D
Display unit	0.12 D / 0.25 D

ASTIGMATISM AXIAL (A)	
Measurement range	0° to 180°
Display unit	1°

CORNEAL CURVATURE MEASUREMENT (K1, K2, AVG)	
Measurement range	5.00 mm to 13.00 mm
Display unit	0.01 mm

CORNEAL ASTIGMATISM AND AXIS (C, A)	
Measurement range (C)	0.00 D to -15.0 D
Measurement range (A)	0° to 180°
Measurement area cornea	Central & peripheral
PD range	10 mm to 88 mm
Minimum pupil diameter	2.0 mm
Vertex distance	0.0, 12.0, 13.5, 15.0 mm

AUXILIARY FUNCTION	
Retroillumination	Available

MAIN UNIT	
Alignment	Semi auto
Built-in printer	Thermal printer
Output	WiFi, RS 232 C, USB, VGA
Display	7'' TFT-LCD tilting/swivel

DIMENSIONS AND ELECTRICAL REQUIREMENTS	
Dimensions WDH	260 x 500 x 450 mm
Weight	approx. 20 kg
Voltage	100 VAC to 240 VAC
Frequency	50/60 Hz
Power consumption	40 VA to 60 VA

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Always read and follow the instructions for use.
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TOMEY EUROPE
TOMEY GMBH

Wiesbadener Strasse 21
90427 Nuremberg | Germany
+49 911 938 546 2 - 0
+49 911 938 546 2 - 20
info@tomey.de

tomey.de

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

2023/08 – subject to change without notice

TOMEY

RC-900

Auto Ref-Keratometer

You + eye.
We care.

RC-900
Auto Ref-Keratometer

The RC-900 delivers rapid and reliable results. In addition to refraction and keratometry, the RC-900 includes other features like Retroillumination to complement your daily refraction routine.

"THE RC-900 PERFECTLY COMPLEMENTS OUR AUTO REF-KERATO SERIES. IT IS RELIABLE AND OFFERS TRUE ADDED VALUE."

Tony Günther

AREA SALES MANAGER,
EASTERN EUROPE / EUROPE

Convenient operation
The semi-automatic pupil tracking ensures quick adjustment to the ideal measurement height. Thanks to automatic measurement initiation and the user-oriented, tiltable LCD screen, the examination procedure is fast and efficient.

Connectivity
The results of the refraction measurement can be easily exported to TAP-2000 via WiFi or serial connection. The RC-900's display can be mirrored to a 5:3 screen using the VGA video out. Thanks to these connectivity options, you are optimally supported in your daily workflow and can provide an informative experience for your patients.

Near vision simulation
By simulating short distances, the RC-900 allows you to assess the patient's need for progressive lenses and to compare vision with and without addition power lenses.

Extensive measuring range
You can examine almost every eye with peripheral Keratometry and the large dioptric measuring range for refraction.

Retroillumination
The retroillumination mode is a fantastic tool for visualising opacities in the crystalline lens or for detecting flaws on contact lenses.

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