Making analysis fashionable

CX 1000

Auto Ref-Keratometer

R RODENSTOCK

The CX 1000: Tune up your business

What are your benefits?

Consistent quality
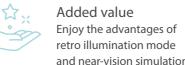Measurements you can rely on

Save time
Get measurements done quickly

Intuitive operation
User-friendly software and swivelling monitor

Connectivity
Ready to connect to Phoromat 2000 via WiFi or RS-232 cable

Added value
Enjoy the advantages of retro illumination mode and near-vision simulation

" The CX 1000 adds value to my usual refraction process by combining fast measurements with extra features. "

Your digital partner in consulting.

Outstanding features

Near vision simulation

Determine the need for progressive lenses in advance by short-distance simulation

Mirror of the display

Video out via VGA lets you connect external monitors in 5:3 display ratio

Semi-auto pupil tracking

Reduces measurement time by adjusting the pupil height automatically

Printer with auto-cutter function

The measurement result can be printed in various forms for convenience

TFT-LCD touch screen

The large 7" LCD monitor tilts and swivels for convenient viewing

Wide measurement range

Allows a wider range of values to be measured

Specifications

REFRACTOMETRY

Measurement range (spherical)	-30.00 D to +25.00 D (at VD = 12.0 mm)
Measurement range (cylindrical)	0 D to ±10.00 D (at VD = 12.0 mm)
Display unit	0.12 D/0.25 D
Measurement range (astigmatism axis)	1° to 180°
Display unit	1°
Minimum pupil diameter	Ø 2.0 mm

KERATOMETRY

Radius of curvature	5.0 to 13.0 mm
Display unit	0.01 mm
Corneal power	25.96 to 67.50 D (n = 1.3375)
Display unit	0.05/0.12/0.25 D
Corneal astigmatism	0.00 to -15.00 D
Display unit	0.05/0.12/0.25 D
Axis	1 to 180°
Display unit	1°

MAIN UNIT

Pupil distance (PD)	10 to 88 mm
Corneal distance	2.0 to 14.0 mm
Display unit	0.1 mm
Working range of auto-tracking	Up and down ± 16 mm
Working range of auto-shooting	Up and down ± 13 mm
Memory of data	10 measured values for each right and left eye
Internal printer	Thermal line printer with auto-cutter function
Monitor	7" TFT LCD monitor (800 x 480 pixels, tiltable/swivel)
Output	RC-232, video out (VGA), USB, WiFi

DIMENSIONS AND ELECTRICAL REQUIREMENTS

Dimensions WDH	260 × 500 × 450 mm
Weight	Approx. 20 kg
Voltage	AC 100 V to 240 V
Frequency	50/60 Hz
Power consumption	40 to 60 VA

Retro illumination

Capture up to 10 pictures of each eye with retro illumination to observe the crystalline lens or contact lens scratches.

Corneal size

Pupil diameter and white to white can be measured easily.