



NORWOOD AUTOREFRACTOR KERATOMETER

NRK-9000

NRK-9000 SPECIFICATIONS

MEASUREMENT MODE	
K/R MODE	Continuous Keratometry & Refractometry
REF MODE	Refractometry
KER MODE	Keratometry
CLBC MODE	Contact Lens Base Curve Measurement
KER P MODE	Peripheral Keratometry
COLOR VIEW MODE	Color View & Contact Lens Fitting Assistance (White & Blue LED)
REFRACTOMETRY	
VERTEX DISTANCE (VD)	0.0, 12.0, 13.5, 15.0
SPHERE (SPH)	-30.00 ~ +25.00 (When VD=12mm) (Increments: 0.01/ 0.12/ 0.25D)
CYLINDER (CYL)	0.00 ~ ±12.00D (Increments: 0.12 and 0.25D)
CLBC MODE	1 ~ 180° (Increments:1°)
CYLINDER FORM	- , + , ±
PUPIL DISTANCE	10 ~ 85mm
MINIMUM PUPIL DIAMETER	2.0mm
KERATOMETRY	
RADIUS OF CURVATURE	5 ~ 13mm (Increments: 0.01mm)
CORNEAL POWER	25.96D ~ 67.50D (n=1.3375) (Increments: 0.01/ 0.12/ 0.25D)
CORNEAL ASTIGMATISM	0.00 ~ -15.00D (Increments: 0.01/ 0.12/ 0.25D)
AXIS	0 ~ 180° (Increments: 1°)
PUPIL/ IRIS DIAMETER	2.0 ~ 14.0mm (Increments: 0.01mm)
OTHER	
DISPLAY	Tilttable 7-inch TFT Touch LCD
INTERNAL PRINTER	Thermal Line Printer with Auto Cutting Function
POWER SUPPLY	AC100-240V, 50/60Hz, 60W
DIMENSIONS	10.3 (W) x 20.3 (D) x 17.3 (H) inches / 42 lbs.

NORWOOD NRK-9000 Features

Auto Tracking

The cutting-edge auto sensing and 3-dimensional movement mechanism track the eye automatically and complete the measurement perfectly.

Vision Comparison Function

The internal chart provides the vision comparison of current vision and corrected vision

High Order Aberration Map

Besides the conventional data, the high order aberration data is displayed in a graphical Zernike refraction map for superior clinical decision making.

TFBUT Measurement Mode

This mode is for measuring the time required until the dry part of the cornea's surface appears (tear film destruction time) after blinking the eyes

Retro – Illumination Mode

You can see abnormal crystalline lenses, cataracts and scratches on the cornea, helping you to determine how healthy your customer's eyes are.

With increased REF power, you can also check Sph, Cyl and Axis that cannot be measured in the normal mode.

Color View Mode

The full color CCD camera and white LED light source in the ARK enable you to see eyes and contact lens fitting status previously only possible with slit lamps.

Zernike Mode

Shows the pupil domain's wave-front information

Pupil and Iris Size Measurement

You can measure the pupil, cornea and iris size, under 14 mm in diameter, by freezing the image on the screen.

Meibography Mode

This mode films the meibomian gland that is useful for the diagnosis of the xerophthalmia

Peripheral Keratometry

Provides peripheral keratometry measurement data that can be useful for fitting contact lenses.

High Speed Printer

The high-speed printer prints out the final measurement results in 3 seconds.

The paper can be changed easily using the one-touch paper holder.

EHR Ready!

Supports data output to any EHR through .jpg, .pdf file format or auto populated format.

The NORWOOD Autorefractor Keratometer NRK-9000 is part of the NORWOOD Digital System (NDS) which is a total, integrated system and is EMR compatible!



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