

Autorefractor Keratometer URK - 700



Focus Control
Software



Temperature
Control Chip

- Achieve accurate readings quickly and easily with this combined Autoref / Keratometer, which employs the latest Focus Control Software for precise and accurate alignment.
- Readings include corneal diameter data.
- Contact lens base curves can be measured.
- The large colour monitor enhances ease of use and presents data clearly.
- The stylish and compact design is easy to use, quick to position and provides accurate and consistent data.



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Focus Control Software

Compensates automatically to ensure that any missed measurement points are factored into the overall calculation, providing accurate readings quickly and easily even on the most difficult eyes. This feature is also very helpful when training new staff to take Autoref / Keratometer readings with the URK.



Stylish Design

The URK employs a simple yet stylish design. The casing is constituted of two main parts for rapid and easy alignment.



Large Colour Monitor

The large, clear liquid crystal screen presents measurement results and settings data clearly as well as providing a crisp image of the patients eye, enhancing ease of use.



Smooth Controls

The specially designed sliding base movement ensures smooth and precise control when positioning right to left or forwards backwards. The URK glides into position, making alignment much easier and saving you time.



Temperature Control Chip

It is a well known fact that some Autorefractors suffer from some variability between readings. The URK has an intelligent integral Temperature Control Chip which constantly monitors and controls the temperature inside the machine ensuring stable, accurate and repeatable readings.

Communication Interface

The URK includes an RS232C interface port and a video output port.

Integral Printer

The integral printer is ergonomically located for easy access and provides a quick problem free print out of refraction data.

Aiming Target

A clear and finely tuned aiming target optimizes accuracy for consistent and repeatable readings.

Measurement Modes	K / R mode	Continuous Keratometry & Refraktometry
	Ref mode	Refraktometry
	Ker mode	Keratometry
	CLBC mode	Contact lens base curve measurement
Refractometry	Vertex Distance (VD)	0 / 10 / 12 / 13 / 13.5 / 15 mm
	Sphere (SPH)	-25.00 ~ +22.00 D (VD=12mm)
	Steps	0.12 or 0.25 D
	Cylinder (CYL)	0.00 ~ +/- 10.00 D (0.12 / 0.25)
	Achse (AX)	1 ~ 180°
	Cylinder form	-, +, +/-
	Pupil Distance (PD)	10 ~ 85 mm
	Minimum Pupil Diameter	Ø 2.0 mm
	measurement time	0.07 sec.
Keratometry	Radius of Curvature	5.0 ~ 10.2 mm
	Corneal Power	33.00 ~ 67.50 D
	Corneal Astigmatism	0.00 ~ -15.00 D (0.05 / 0.12 / 0.25 D)
	Axis	1 ~ 180°
	Corneal Diameter	2.0 ~ 12.0 mm
Others	Internal Printer	thermal printer
	Power Saving	selectable 3, 5 or 10 min.
	Display	5.6 inch TFT LCD colored monitor
	Power supply	AC 100 ~240 V, 50/60Hz, 70W
	Dimensions	248(W) x 476(D) x 475(H)
	Weight	21 kg
	Data Output	RS-232 interface , video output

Specifications, design and equipment are subject to change without any notice or obligation on the part of the manufacturer.