



Everything about

**UNICOS**



CE  
2195

# Auto Refracto - Keratometer URK-800A

More Wide LCD & More Intuitive User Interface.

You can check how much crystalline lens are blurred by cataract and cornea is injured. At the same time, Save 2 cuts for each eye (Max.4 cuts for one patient), Furthermore may compare the captured data.



Automatic Cutting Printer



Retino illumination



## Advanced Measurement Technology

The image chips to be specially designed allow REF measuring speed to be faster to get a more accurate and stable measurement data.

## Measure Iris and Pupils Diameters

By image capture function, user can check Iris & Pupil diameters with ease to reinforce the accuracy of optometry.

## Illumination & Peripheral Keratometry

You can check abnormal crystalline lenses, cataracts and scratches of corneas helping you to see how healthy patient's eyes are. With an enforced REF power, you can check SPH, CYL, and Axis that could not be measured in a normal mode. It may measure periphery of cornea both horizontally and vertically from the center of cornea to get curvature and eccentricity value of all points. It may allow the best fitting for contact lenses.

### Measurement Mode

R/K mode	Successive Refractometry & Keratometry
Ref mode	Refractometry
Ker mode	Keratometry
CLBC mode	Contact lens base curve measurement

### Refractometry

Vertex Distance (VD)	0.0, 10.0, 12.0, 13.5, 15.0 mm
SPH	-25.00 ~ +22.00 D (0.12 D / 0.25 D)
CYL	0.00 ~ +/-10.00D
AXIS	1 ~ 180°
Cylinder Form	-, +, +/-
Pupil Distance	10 ~ 85 mm
Minimum Pupil Diameter	∅ 2.0

### Keratometry

Radius of Curvature	5.0 ~ 10.2 mm
Corneal Power	33 ~ 67.50 D
Corneal Astigmatism	0.00 ~ -15.00 D (0.12 / 0.25 D)
AXIS	1 ~ 180°
Corneal Diameter	2.0 ~ 12.00 mm

### Others

Printer	Thermal / Auto cutting
Power Saving	1 ~ 10 minutes (Step 1minute)
Display	8 Inch TFT LCD colored Monitor
Power Supply	AC100V ~ 240V, 50/60Hz, 60~90VA
Chinrest movement	Max, 65mm, Motorized operating
Data Output	RS-232 Interface, Video Output, USB

Designs and details can be changed without prior notice for its improvements.

Support for many languages : It serves many languages, basically 10 languages, (Chinese, English, French, German, Italian, Japanese, Portuguese, Russian, Spanish and Korean)



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