UNICOS

Auto Refracto - Keratometer **3D**

URK·900F

IEC C€ **2195**

The All New Design

Brilliantly Conceived & Beautifully Crafted

One Touch Alignment, Tracking, Focus & Capture.

The Auto Refractor-Keratometer URK-900F is used to determine the initial, objective refractive values for a patient's eyes in the workflow of refraction and to determine the optical prescriptions for myopia, hyperopia and astigmatism.

8 Inch Touch LCD Provides more useful measurement circumstances

URK-900F could examine a patient's vision accurately with a high speed itself and do auto tracking toward the opposite eye after measuring an eye.

3 Dimensional movement mechanism enables to track down a measuring focus of an eye automatically and complete the measurement with auto shooting for eyes after focusing automatically.

Motorized Chinrest

Just by simple handling, users can set the height of measuring point comfortably.

Peripheral Keratometry Measurement

URK-900F provides peripheral keratometry measurement data that can be greatly useful for fitting contact lenses.

Jog Dial

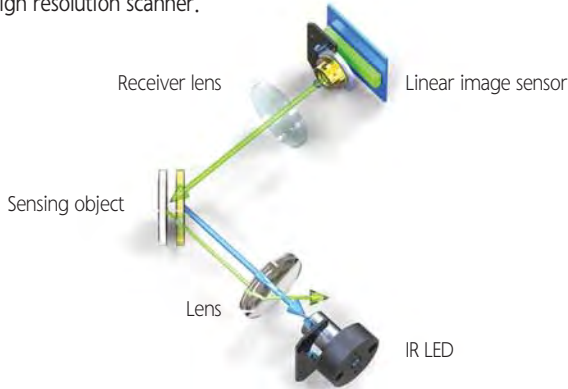It's equipped with the controller to control 3 Dimension mechanism and auto shooting.

Various Network

Bluetooth, Ethernet, USB, RS-232, Etc.

Bluetooth™   **ethernet**

URK-900F Auto Focusing System

URK-900F can determine the best position for a precise focusing with the help of high resolution scanner.

Receiver lens

Linear image sensor

Sensing object

Lens

IR LED

URK-900F AF System (High resolution scanner connection image)

LCD
Swiveling to 270° provides a monitor reverse function.

LCD
Tilting to 270° provides a monitor reverse function.

LCD Tilting & Swiveling

The LCD moves freely and can be measured anywhere. LCD Tilting & Swiveling to 270° and provide a monitor reverse function.

URK-900F Provides a various measurement Mode

Ref / Ker / Ref & Ker / IOL / CLBC / KP Mode, Pupil Size Measurement.

Retino-illumination

You can check abnormal crystalline lenses, cataracts and scratches of corneas helping you to see how healthy the customer's eyes are. With enforced REF power, you can check SPH, CYL, and Axis that could not be measured in a normal mode.

Temperature compensation system

UNICOS Temperature Control Chip inside

Provides a reliable measurement data with our unique temperature measurement system.

Tolerance within 0.5℃

Auto Cutting Printer

The printer cover can be opened and closed with the push of a button, making it easy to replace the printer paper.

High speed Printer prints out the final measurement results in 3 seconds. Also, it cuts paper automatically after printing.

Convenient S/W Update

S/W update could be done by USB memory easily and conveniently.

URK·900F   Auto Refracto – Keratometer

Your eyes could be scanned promptly by only ONE TOUCH.

Networking system

Efficient data transmission among a series of UNICOS brands.

URK-900F   ACP-900

PC

ULM-800

ULC-900   UDR-800

SPECIFICATIONS

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	Ø 2.0

Keratometry

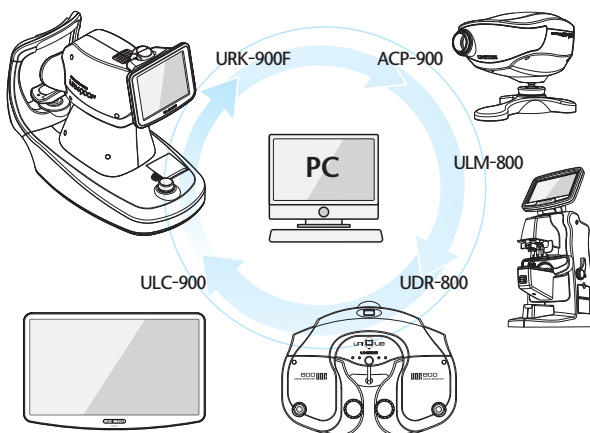|	
Radius of Curvature	5.0 ~ 10.2 mm
Corneal Power	33 ~ 67.50 D
Corneal Astigmatism	0.00 ~ −15.00 D (0.12 / 0.25 D)
AXIS	1 ~ 180°
Corneal Diameter	2.0 ~ 12.00 mm

Others

Printer	Thermal / Auto cutting
Power Saving	Nominate by 3, 5, 10 Minutes
Display	8 Inch 24 bit colored TFT LCD
Power Supply	100 ~ 240V~, 50/60Hz, 50-70VA
Chinrest movement	Max, 65mm, Motorized operating
Dimension/Weight	285mm(W) X 522mm(D) X 438mm(H) / 19kg

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

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