

VIEWLIGHT
POWERED BY INNOVATION

[NEW]

Refractor & Keratometer

URK-900F



FDA

[NEW]

Refractor & Keratometer

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About URK-900F

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

High Definition Display

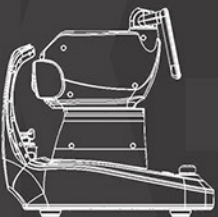
URK-900F delivers more convenient user environment with wide viewed 8.0" TFT Color LCD screen and with simple and intimate design.

- 1
- 2
- 3
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- 5
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- 7
- 8



GUI (User Interface)

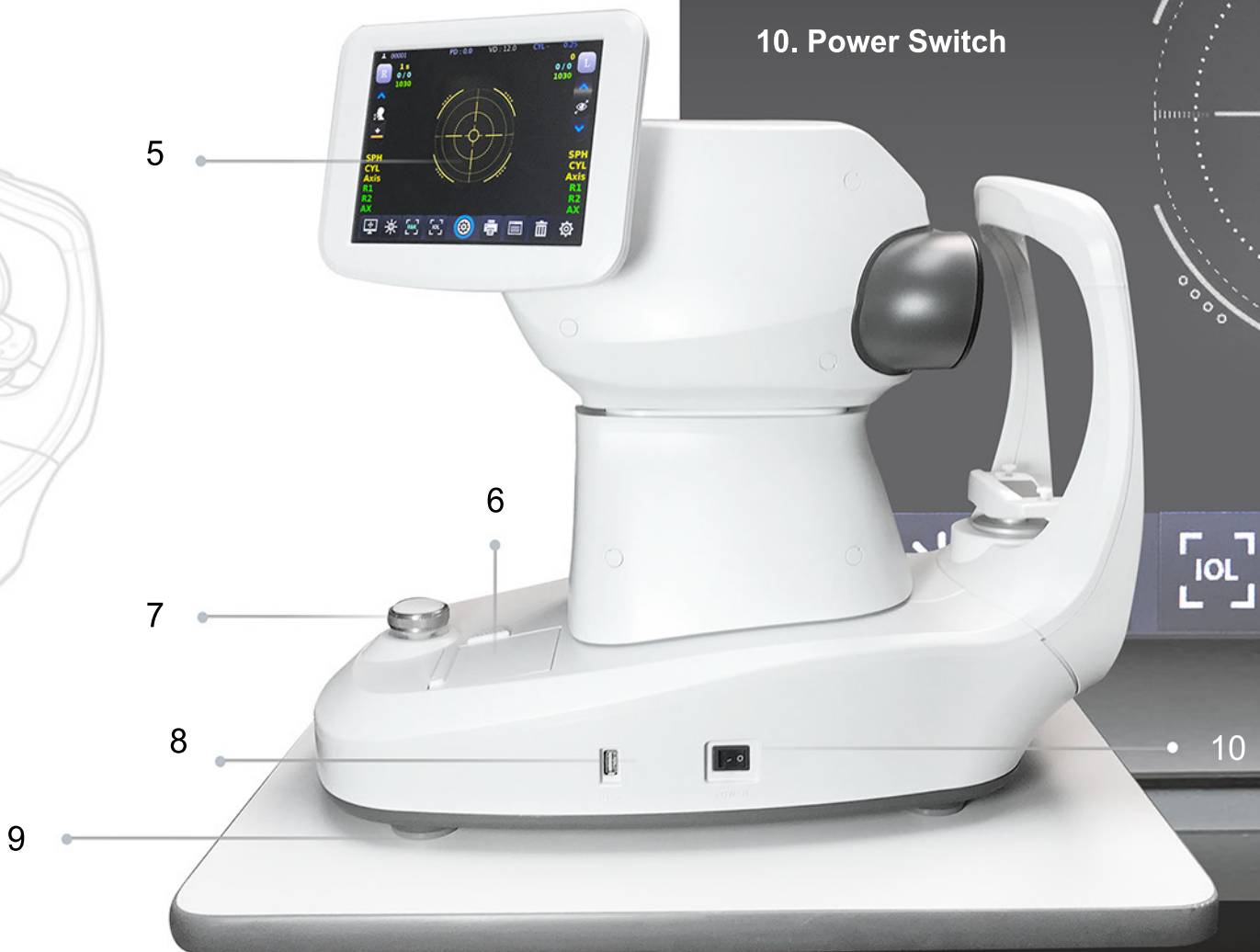
1. Number of Patients
2. Chin Rest (Up & Down)
3. Measumemet Value
4. VD (Vertex Distance)
5. Pupil Distance
6. Position Value (X,Y,Z)
7. Motor Status
8. Focusing Button



[NEW]
Refractor & Keratometer
URK-900F



- 1. Head Rest
- 2. Measurement Window
- 3. Height lining mark
- 4. Adjustable Chin Rest
- 5. 8" Touch Screen Monitor
- 6. Embedded Printer
- 7. Jog Dial
- 8. USB Connection
- 9. Workstation (Optional)
- 10. Power Switch



Auto Focusing System

URK-900F can determine the best position for a precise focusing with the help of high resolution scanner. provides peripheral. Also keratometry measurement data, can be greatly useful for fitting all contact lenses.

Developed Illumination

Features a developed illumination function which able to observe eye condition of the cataract or contact lens surface. It is able to save two images of each eye and continuous observation.



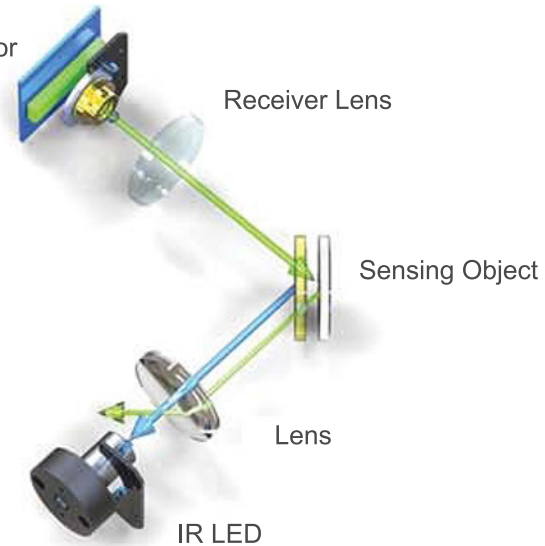
Wide Dioptric Measurement

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

URK-900F - One Touch Alignment, Tracking, Focus & Capture.

URK-900F can determine the best position for a precise focusing with the help of high resolution scanner. This covers a wide measurements range from -25D to +22D, even a examinee with strong myopia can be measured.

Linear Image Sensor



High Tech Jog Dial

URK-900F features a 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.

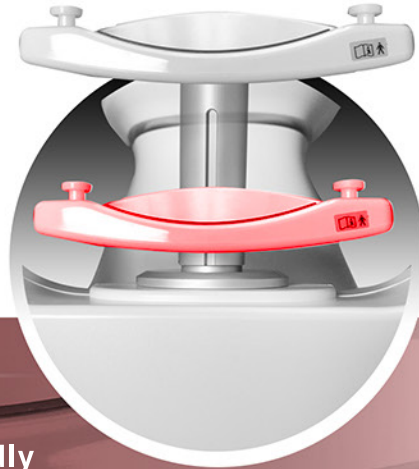




LCD Tilting & Swiveling

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

270°



Automatic Chinrest

URK-900F provides user-friendly environment by adopting smooth curved shape chin rest adjustment height lever to place the patients chin.



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.

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

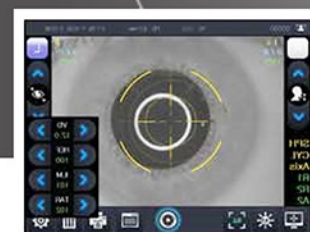
Measurement Mode



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

Retino Illumination

You can observe 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.



Product SPECIFICATIONS

Measurement Mode

R/K mode
Ref mode
Ker mode
CLBC mode

Refractometry

Vertex Distance(VD)
Sphere(SPH)
Cylinder(CYL) Axis(AX)
Cylinder form
Pupil Distance(PD)
Minimum Pupil
Diameter

Keratometry

Radius of Curvature
Corneal Power
Corneal Astigmatism
AXIS
Corneal Diameter

Included Accessories

- Power Supply Cable
- Model Eye
- Printing Paper
- Dust cover
- Product Manual

Successive Refractometry & Keratometry
Refractometry
Keratometry
Contact lens base curve measurement

0.0 , 10.0, 12.0, 13.5, 15.0mm
-25.00 ~ +22D (VD 12mm)
0.00~±10.00D
1~180
-, +, MIX
10~85mm
Ø 2.0mm

5.0 ~ 10.2 mm
33 ~ 67.50 D
0.00 ~ -15.00 D (0.12 / 0.25 D)
1 ~ 180°
2.0 ~ 12.00 mm

Others

Printer
Power Saving
Display
Power Supply
Chinrest movement
Dimension / Weight

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