



Everything about

UNICOS



CE



8" Full-Colored Touch LCD Panel

It could serve clear distinct UI so that it may serve high resolution graphic.

Realize UI with various images and distinguish the condition of Operation Panel and data by serving various colors. (Locking system function, Prismoff, Auxoff function, External data representation and Touch masking function, etc.)

Minimized number of buttons

26-Button and simply touch to operate easily.



Short cut key button for often used functions

- Operating test data through jog dial. (SPH, CYL, AXIS, ADD, VA, Prism, etc.)
- Menu selection through jog dial.
- Additional functions and data value selection through jog dial.
- Shortcut key button function.

Monocular PD measurement.

Worldwide Various Chart Support.

LCD Monitor Tilting function and Screen reversal function.

Embedded printer.

Help and Real-time Guide function.

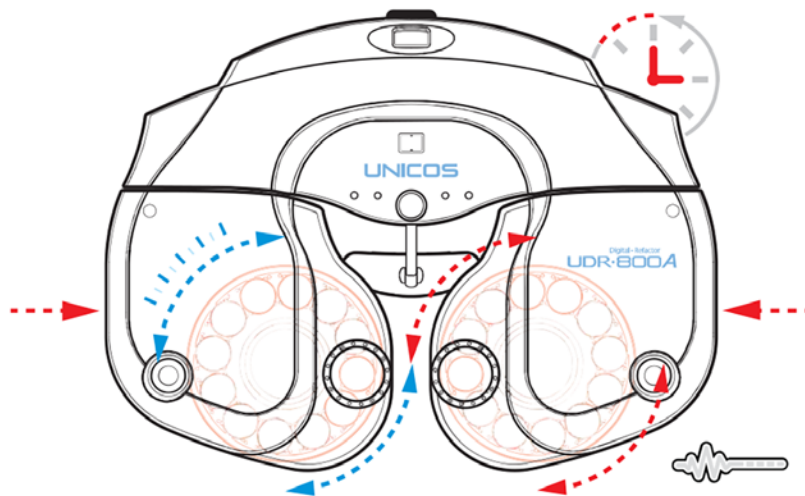
It could serve upgrading program and A/S functions by USB port.

Digital - Refractor UDR-800A

Eco-Friendly antibacterial material is applied.

Ensure Faster restarting time, Faster lens change and a Reduced operating noise, UDR-800A will lead your business to be successful.

UDR-800A Main Feature



Reduced
Body
Size

Faster
Restarting
Time

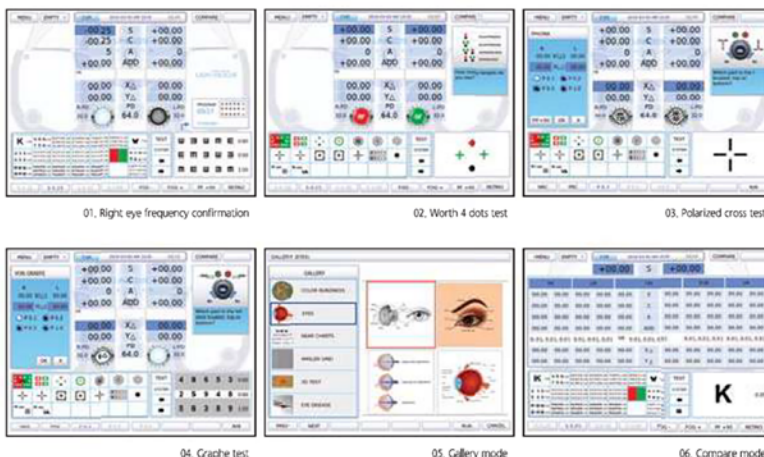
Faster
Speed of Lens
Change

Reduced
Operating
Noise

Perfect Interface with Ref/Keratometer, Chart Projector, LCD Projector and Lensmeter

- It could serve receiving Data from URK-700A, URK-800A, URK-900F and saving DB.
- It could be connected with A, B, C type of ACP-900 including ULC-900.
(UDR-700 could be connected only with A type of ACP-700)

Simple GUI for User Convenience (Various Vision Test Function Offer)



Networking System

Efficient data transmission among a series of UNICOS Brands.

Measuring Range

| | |
|------------------|--------------------------------------------------------------------------------------------------|
| Spherical Lens | -29.00 ~ +26.75D (For general test) |
| | -19.00 ~ +16.75D (For cross cylinder & Prism test) (Step 0.12D / 0.25D / 0.5D / 1D / 2D / 3D) |
| Cylinder Lens | 0.00 ~ 8.75D (Step 0.25D / 0.5D / 1D / 2D / 3D) |
| Cylinder Axis | 0 ~ 180° (Step 1 / 5 / 15 / 30 / 45°) |
| Pupil Distance | Far 48 ~ 80 mm (Step 0.5 / 1.0 mm) |
| | Near 45 ~ 75 mm (Step 0.5 / 1.0 mm) |
| Working Distance | 35 ~ 70 cm (Step 5 cm) |
| Rotary Prism | 0 ~ 20 Δ (Step 0.1 Δ / 0.2 Δ / 0.5 Δ / 1 Δ / 2 Δ) |
| Cross Cylinder | Jackson Cross Cylinder ± 0.25D |
| | Jackson Cross Cylinder ± 0.50D |
| | Dual Cross Cylind |
| Retinoscopy Lens | +1.5D, +2.0D (Test Distance 67cm, 50cm) |

Specifications

| | |
|-------------------|---------------------------------|
| Body | 362(W) X 82(D) X 229(H), 3.5Kg |
| Controller | 215(W) X 230(D) X 226(H), 1.5Kg |
| Junction Box | 266(W) X 60(D) X 239(H), 1.0Kg |
| Power Supply | AC 100 ~ 240V, 50/60Hz |
| Power Consumption | 60 ~ 95VA |

Auxiliar Lens

| | |
|---------------------------|-----------------------------------------------------|
| Open / Close Lens | |
| Pin Hole Lens | Φ 1mm |
| Moddax Rod | Right Eye (Horizontal Red), Left Eye (Vertical Red) |
| Red / Green Filter | Right Eye (Red), Left Eye (Green) |
| Polarized Light Filter | Right Eye (135°, 45°), Left eye (45°, 135°) |
| Separating Prism | Right Eye (6ΔBU) |
| | Left eye (10ΔBI can be added to 0~5Δ) |
| PD Test Lens | |
| Fixed Cross Cylinder Lens | Jackson Cross Cylinder ± 0.05D, Axis fixation 90° |
| Vision Degrees | 32° |

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



UNICOS' new Future
UNICOS

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