



## AN AFFORDABLE MULTI-FUNCTIONAL **ARK-520**

UVIX ARK-520 Auto Refractor  
Keratometer provides more convenient,  
easier and multi-functional operating  
system with advanced and contemporary  
refracto / keratometry technology.

For price please contact us

### **Outstanding Features**

#### **Easy-to-Use Interface**

UVIX ARK-520 has a contemporary, menu-driven and user-friendly interface for measuring patients' eyes quickly and showing comprehensible data.

#### **High Resolution Color monitor**

UVIX ARK-520 provides brighter images and more precise measurements by using high resolution (0.3 mega pixel) 6.4" TFT LCD color monitor, which is one of the largest in a similar or same class of Auto Refractor Keratometers.

#### **Wider measuring range**

UVIX ARK-520 has a wider measuring range of patients' eyes and its minimal pupil diameter is 1.8 mm (from 2.0 mm recommended), which is one of the shortest as compared to competitors'.

#### **Contact Lens Base Curve and IOL Measurement Function**

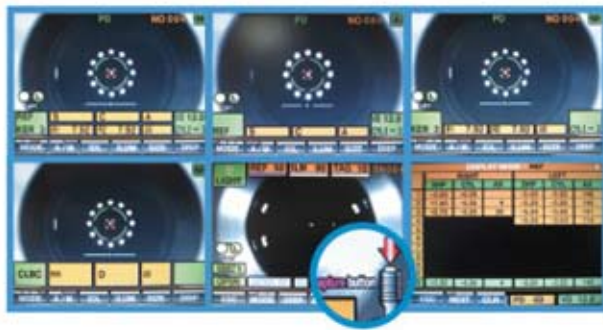
Automatic Contact Lens Base Curve and Intraocular Lens measurement is available for contact lens wearers and patients' condition of eyes.

#### **Space Saving with Modern design**

UVIX ARK-520 has a compact size main body and optic head for operator's efficient space saving. It is one of the lightest weights compared to other Auto Refractors in a similar or same class.

#### **Complete Automatic Function**

When the alignment of instrument is properly achieved, the system is automatically activated without a touch of trigger button.



## UVIX ARK-520 Technical Specifications

### Auto Refractor Functions

#### Measuring Range

**Sphere Power (S)** - 25.00D ~ +22.00D

**Cylinder Power (C)** - 10.00D ~ +10.00D

**Cylinder Axis (A)** -1 ~ 180° (1° Step)

**Refractive Power Step** 0.12, 0.25D

**Cylinder Mode** -, +, ±

**Vertex Distance** 0, 12, 13.5, 15mm

**Minimum Pupil Diameter** 1.8mm

**Method of Relaxation** Automatic Fogging

### Auto Keratometer Functions

#### Corneal Radius of Curvature

**Measurable Range** 5.00 ~ 10.00 mm

**Step** 0.01 mm

**Corneal Refractive Power Range** 33.75 ~ 67.50D

**Corneal Astigmatism** -10.00 ~ +10.00

**Corneal Astigmatism** 1 ~ 180° (1° Step)

**Corneal Peripheral Measurable Range** 7.5 mm Radius

**P.D. Measurement Range** 85 mm maximum (1° Step)

### General Information

**Measurement Mode** Auto Start / Manual

\* Subject to change in design and/or specifications without advanced notice.