

# ARK-560A

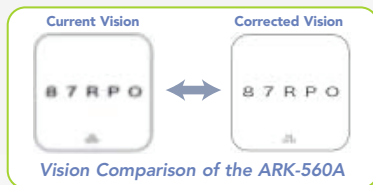
**A U T O M A T I C R E F R A C T O R    Ⓞ    A U T O M A T I C K E R A T O M E T E R**

- Ⓞ Subjective Sphere Refinement
- Ⓞ Pupil Zone Imaging Method
- Ⓞ SLD (Super Luminescent Diode)
- Ⓞ Wide Measurement Range: -30D to +25D
- Ⓞ Small Pupil Size Measurement
- Ⓞ 3D Auto Tracking and Capture
- Ⓞ Documentation of Visual Acuities, Unaided and Aided
- Ⓞ Corneal Size Measurements
- Ⓞ 5.7" Tiltable Color LCD Monitor
- Ⓞ Easy Loading and Auto Paper Cutter

## • V I R T U A L V I S I O N C O M P A R I S O N

The recall function allows the operator to demonstrate a comparison between the patients' unaided or glasses\* visual acuity with a subjectively corrected visual acuity.

\*Capable of data transfer with a Marco Auto Lensmeter. Spherical and cylindrical lenses only for the ARK-560A.



**THE LEADER IN VISION DIAGNOSTICS®**



## ARK-560A SPECIFICATIONS

### ● AUTO REFRACTOR

Measurable Range	
<b>Sphere</b>	-30.00D to +25.00D (V.D. =12mm)
<b>Cylinder</b>	0D to ±12D (0.01/0.12/0.25D increments)
<b>Axis</b>	0° to 180° (1°/5° increments)
Measurable Minimum Pupil Diameter	2mm
Chart	Scenery chart (balloon target)

### ● AUTO KERATOMETER

Measurable Range	
<b>Radius Curvature</b>	5.00 to 13.00mm (0.01mm increments)
<b>Refractive power</b>	25.96D to 67.50D (n=1.3375),(0.01/0.12/0.25D increments)
<b>Astigmatism</b>	0D to ±12.00D (0.01/0.12/0.25D increments)
<b>Axis</b>	0° to 180° (1°/5° increments)
Ordinary Measurement Area	3.3 mm (R=7.7 mm)
Peripheral Measurement Area	6mm (R=7.7 mm)
Sagittal Radius Measurement	25° each from the center (Superior side, Inferior side, Temporal side, Nasal side)
VA Measurement	
Measurable Range	Less than 20/200, 20/200, 20/80, 20/60, 20/50,20/40, 20/30, 20/25, 20/20
Correction Range	
<b>Sphere</b>	-20.00D to +20.00D (VD=12mm) (0.25D increments)
<b>Cylinder</b>	0D to +8.00D (0.25D increments)
<b>Axis</b>	0° to 180° (1° / 5° increments)
PD Measurable Range	30mm to 85mm (0.1mm increments) (Near point PD: 28 to 80mm at WD=40cm)
Corneal Size Measurable Range	10mm-14mm (0.1mm increments)
Pupil Size Measurable Range	1-10mm (0.1mm increments)
Auto Tracking & Auto Shooting	X-Y-Z direction, Auto Shooting
Vision Comparison	Corrected vision with spherical and cylindrical lenses

### ● GENERAL INFORMATION

Monitor	Tiltable 5.7 inch color LCD
Printer	Built-in thermal type line printer (Easy loading and auto paper cutter)
Interface	RS-232C (IN/OUT), USB, Eye care card system* *Card is optional
Power Supply	AC100-240 V±10%, 50/60 Hz
Power Consumption	100VA
Dimensions & Weight	10.23"(W) x 18.93"(D) x 17.9"(H) / 44.1 lbs.
Standard Accessories	Spare printer paper, Chinrest paper, Fixing pins, Power cord, Dust cover, Model eye.

The 560A is manufactured by Nidek for Marco.



**E/R**

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