

## ARK-530A Specifications



- Tilttable LCD
- Alignment Indicators
- Easy Load Paper
- Automatically Cuts Printer Paper
- Motorized Chinrest
- One-Touch Lock
- IC Card Reader
- Multiple USB Ports

### Auto Refractor

#### Measurable Range

##### SPHERE

-30.00D to +25.00D (VD=12 mm)  
(0.01 / 0.12 / 0.25D increments)

##### CYLINDER

0D to  $\pm 12$ D  
(0.01/0.12/0.25D increments)

##### AXIS

0° to 180°  
(1°/5° increments)

#### Measurable minimum pupil diameter

$\phi$  2mm

### Auto Keratometer

#### Measurable Range

##### RADIUS CURVATURE

5.00 to 13.00 mm  
(0.01 mm increments)

##### REFRACTIVE POWER

25.96D to 67.50D (n=1.3375)  
(0.01 / 0.12 / 0.25D increments)

##### ASTIGMATISM

0D to  $\pm 12.00$ D  
(0.01 / 0.12 / 0.25D increments)

##### AXIS

0° to 180°  
(1°/5° increments)

##### ORDINARY MEASUREMENT AREA PERIPHERAL MEASUREMENT AREA

$\phi$  3.3mm (R=7.7mm)

$\phi$  6.0mm (R=7.7mm)

n=1.3375/1.336/1.332

#### PD Measurable Range

30 to 85mm (1mm increments)  
(Near point PD: 28 to 80mm at WD=40cm)

#### Corneal Size Measurable Range

10 to 14mm (0.1mm increments)

#### Pupil Size Measurable Range

1 to 10mm (0.1mm increments)

#### Auto Tracking & Auto Shooting

X-Y-Z directions, Auto shooting

#### Virtual Vision Comparison

Range: -20 to +20D

#### Chart

Scenery chart

#### Display

Tilttable 5.7-inch color LCD

#### Printer

Built-in thermal-type line printer  
(Easy loading and auto cutter)

#### Interface

RS-232C (IN/OUT)

USB

IC Card Reader\* \*Card is optional

#### Power Supply

AC100 - 240V  $\pm 10\%$

50/60 Hz

#### Power Consumption

100 VA

#### Dimensions & Weight

260 (W) x 481 (D) x 455 (H)mm/20 kg

10.23 (W) x 18.93 (D) x 17.9 (H)"/44.1 lbs.

#### Standard Accessories

Spare Printer Paper, Power Cord, Dust Cover,  
Chinrest Paper, Fixing Pins, Model Eye

#### Optional Accessories

Interface cable, Bar Code Scanner

The ARK-530A is manufactured by Nidek.



### AUTOMATIC REFRACTOR/KERATOMETER

The ARK-530A can also  
be interfaced with any  
Marco Refraction Systems.



M061000 BR-ARK530A

T H E L E A D E R I N V I S I O N D I A G N O S T I C S<sup>®</sup>



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