

NIDEK's Innovative Auto Ref/Keratometer for Higher Precision and Better Operability.

High Speed Printer with Easy Loading & Auto Cutter

The ARK-530A/510A incorporates a high speed and user-friendly printer, and the printer paper can be changed easily.



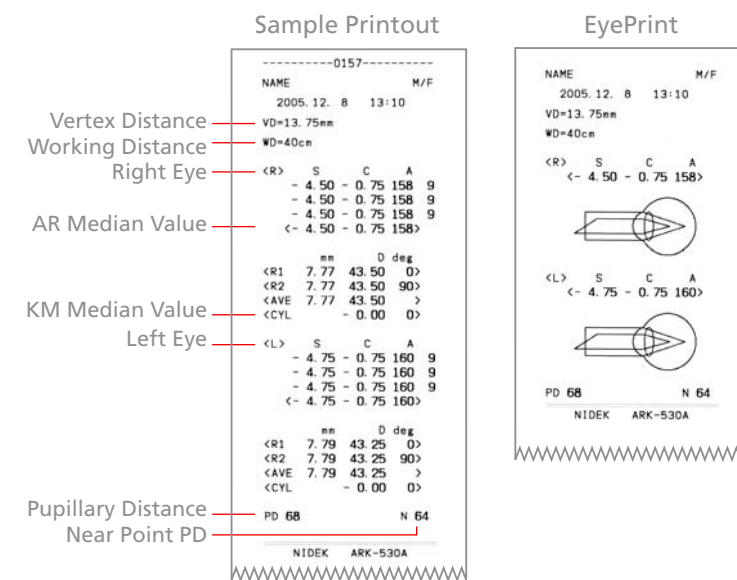
Easy Paper Loading



Auto Cutter

Printed data sheet will be cut by the auto cutter for quick and easy detachment.

The desired data, such as the AR value, PD and confidence coefficient, as well as an eyeprint for documenting patient treatment, can be selected and printed out.



EyeCare Card System*

The ARK-530A/510A incorporates the card slot for EyeCare Card system, which provides quick and easy wireless data transfer.

*The card is optional.

ARK-530A / 510A Specifications

| Auto refractometer | ARK-530A | ARK-510A | |
|-----------------------------------|---|--|---|
| Measurable range | Sphere | -30.00D to +25.00D (VD=12 mm) (0.01 / 0.12 / 0.25D increments) | |
| | Cylinder | 0D to ±12D (0.01 / 0.12 / 0.25D increments) | ← |
| | Axis | 0° to 180° (1°/5° increments) | |
| Measurable minimum pupil diameter | ø 2 mm | | |
| 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 ±12.00D (0.01 / 0.12 / 0.25D increments) | ← |
| | Axis | 0° to 180° (1° / 5° increments) | |
| Ordinary measurement area | | ø 3.3 mm (R=7.7 mm) | |
| | Peripheral measurement area | ø 6.0 mm (R=7.7 mm) | |
| PD measurable range | | 30 to 85 mm (1 mm increments) (Near point PD: 28 to 80 mm at WVD=40 cm) | ← |
| | Corneal size measurable range | 10 to 14 mm (0.1 mm increments) | ← |
| Pupil size measurable range | 1 to 10 mm (0.1 mm increments) | | |
| Auto tracking & Auto shooting | X-Y-Z directions, Auto shooting | Y direction, 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 | |
| | Eye care card system* *Card is optional | | |
| Power supply | AC100 - 240 V ±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, Barcode scanner | | |

*Specifications and design are subject to change without notice for improvement.



Printed on environment-friendly recycled paper.

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Excellent Measurement Accuracy

ARK-530A / 510A

AUTO REF / KERATOMETER

