



Price List for Auto Refractor

Price List for Auto Refractor
WWW: www.optometrial.com
E-mail: info@optometrial.com
Phone: +86-4009-623-626
Rm 401, No.1115 Lingnan Road, Shanghai, China


Contents

 New!

 &Bestseller

 &Sale


 &Action!

 N&ot available

	SKU	Product Name	Measure Scope	Ref/Ker	Focus Type	Price	Page
	FA-6000A	Auto Refractor	Auto Ref Only Chinese Only 5.7" Keypress Input SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus	\$1,699.00	6
	FA-6100	Auto Refractor	Auto Ref/Ker 5.7" Color Screen, Keypress Input, SPHERE +/-20D CYLINDER +/-8.00	Ref/Kerato metry	Manual Focus	\$2,100.00	6
	FA-6800	Auto Refractor	Auto Ref/Ker SPHERE +/-20D CYLINDER +/-8.00	Ref/Kerato metry	Manual Focus	\$1,999.00	7
	ARK-7800 A	Auto Refractor	Auto Ref/Ker 7" Color Flip Touch Monitor,Auto Trace, SPH: -30.00D□?25.00D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,800.00	7
	ARK-7800 B	Auto Refractor	Auto Ref/Ker 7" Color Flip Touch Monitor, Large Scale Auto Trace, SPH: -30.00D□?25.00D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$3,800.00	8
	ARK-7600	Auto Refractor	Auto Ref/Ker 7" Color Flip Touch Monitor,Auto Trace, SPH: -30.00D□?25.00D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,800.00	8
	ARK-7610	Auto Refractor	Auto Ref/Ker 7" Color Flip Touch Monitor, Large Scale Auto Trace, SPH: -30.00D□?25.00D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$3,800.00	9
	FA-6500K	Auto Refractor	Ref/Keratometry, Flip Monitor SPHERE +/-20D CYLINDER +/-8.00	Ref/Kerato metry	Manual Focus	\$1,960.00	9
	KR-9200	Auto Refractor	Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Manual Focus	\$2,555.00	10
	RM-9200	Auto Refractor	Ref/Keratometry, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Manual Focus	\$2,205.00	10
	RM-9000	Auto Refractor	Ref Only, 7" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Manual Focus	\$1,925.00	11
	KR-9000	Auto Refractor	Ref/Keratometry, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Manual Focus	\$2,275.00	11

	SKU	Product Name	Measure Scope	Ref/Ker	Focus Type	Price	Page
	RM-9600	Auto Refractor	Ref Only, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Auto Trace	\$2,345.00	12
	KR-9600	Auto Refractor	Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,695.00	12
	AR-820A	Auto Refractor	Ref Only, 8" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Manual Focus	\$2,065.00	13
	ARK-820	Auto Refractor	Ref/Keratometry, 8" Touch Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Manual Focus	\$2,275.00	13
	AR-830A	Auto Refractor	Ref Only, Flip Monitor, Auto Trace 7" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Auto Trace	\$2,187.50	14
	ARK-830	Auto Refractor	Ref/Keratometer, Flip Monitor, Auto Trace 7" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,415.00	14
	AR-800	Auto Refractor	Ref Only, 5.7" Monitor Key Press, SPHERE +/-20D CYLINDER +/-10.00,	Ref Only	Manual Focus	\$1,837.50	15
	AR-800A	Auto Refractor	Ref Only, Import Chipset, 5.7" Monitor Key Press, SPHERE +/-20D CYLINDER +/-10.00,	Ref Only	Manual Focus	\$1,890.00	15
	ARK-800	Auto Refractor	Ref/Keratometry, 5.7" Monitor Key Press, SPHERE +/-20D CYLINDER +/-10.00,	Ref/Kerato metry	Manual Focus	\$2,100.00	16
	AR-810A	Auto Refractor	Ref Only, Flip Monitor 7" Auto Trace Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,012.50	16
	ARK-810	Auto Refractor	Ref/Keratometry, Flip Monitor 7" Auto Trace Touch SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,240.00	17
	ARK-860	Auto Refractor	Ref/Keratometry, Flip Monitor 7" Touch Auto Trace SPHERE +/-20D CYLINDER +/-10.00	Ref/Kerato metry	Auto Trace	\$2,240.00	17
	AR-860A	Auto Refractor	Ref Only, Flip Monitor, Auto Trace 7" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Auto Trace	\$2,187.50	18
	FR-8900	Auto Refractor	Ref Only, Monitor 5.7" Touch SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus	\$2,500.00	18

	SKU	Product Name	Measure Scope	Ref/Ker	Focus Type	Price	Page
	FKR-8900	Auto Refractor	Ref/Keratometry, 5.7" Touch Monitor SPHERE +/-20D CYLINDER +/-8.00	Ref/Keratomy	Manual Focus	\$2,700.00	19
	710	Auto Refractor	Ref/Keratometry, Auto Trace Flip Monitor 7" Touch SPHERE +/-20D CYLINDER +/-10.00	Ref/Keratomy	Auto Trace	\$2,800.00	19
	HAR-800	Auto Refractor	Infant Vision Screener, SPH -6.0D to +8.0D, CYL +/-3.00	Vision Screener	Manual Focus	\$6,125.00	20
	HAR-880	Auto Refractor	Infant Vision Screener, SPH -9.0D to +8.0D, CYL +/-3.00	Vision Screener	Manual Focus	\$7,000.00	20
	EasyRef	Auto Refractor	Infant Vision Screener, SPH +/-10.0D, CYL +/-5.00	Vision Screener	Manual Focus	\$6,125.00	21
	FA-6500	Auto Refractor	Auto Ref Only 7" Flip Monitor, SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus	\$1,785.00	21
	SJR-9900	Auto Refractor	Economic Type Ref Only 7" B/W Monitor, Key Press Inpute, SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus	\$1,360.00	22
	SJR-9900 A	Auto Refractor	Economic Type Ref Only 7" Color Touch Monitor, SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus	\$1,560.00	22
	8500K	Auto Refractor	Ref/Keratometry (No Korea Sales)KOREA AXIS Senor 7" Color Touch Monitor, SPHERE +22~-25.00 CYLINDER +/-10.00	Ref/Keratomy	Manual Focus	\$2,800.00	23
	ARK-700	Auto Refractor	Ref/Keratometry KOREA AXIS Senor 7" Color Monitor, Key Press Input, SPHERE +22~-25.00 CYLINDER +/-10.00	Ref/Keratomy	Manual Focus	\$2,450.00	23
	SW-800	Auto Refractor	Infant Vision Screener, SPH +/-7.5.0D, CYL +/-3.00	Vision Screener	Manual Focus	\$4,199.00	24
	ARK-1A	Auto Refractor	Semi Auto L/R Eye handel Move, Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Keratomy	Auto Trace	\$1,575.00	24

	SKU	Product Name	Measure Scope	Ref/Ker	Focus Type	Price	Page
	ARK-1B	Auto Refractor	Semi Auto L/R Eye handel Move, Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Keratomy	Auto Trace	\$1,925.00	25

FA-6000A Auto Refractor

Measure Scope

Ref/Ker

Focus Type

Auto Ref Only Chinese Only 5.7" Keypress
Input SPHERE +/-20D CYLINDER +/-8.00

Ref Only

Manual
Focus

Display 5.7 inch LCD colorful screen
SPH -20D to +20D
Radius of curvature 5.0~10.2mm
Power supply AC100-240V, 50/60Hz
CLY -10D to +10D
Memory 10 measurements for each eye
Printer with in built printer
corneal power 33.00~67.50D
Power-saving model Available



\$1,699.00

FA-6100 Auto Refractor

Measure Scope

Ref/Ker

Focus Type

Auto Ref/Ker 5.7" Color Screen, Keypress
Input, SPHERE +/-20D CYLINDER +/-8.00

Ref/Keratomete
ry

Manual
Focus

- 1) Measuring Range :
Spherical: -20~+20D (VD=12) 0.125D steps
Cylinder: -8~+8D 0.12D/0.25D steps
Axis: 0~180°, 1° steps
- 2) Pupil Distance : 45~85mm, 1mm steps
- 3) Vertex Distance : 0mm, 12mm, 13.75mm
- 4) Min.Pupil Size : Ø2.0mm
- 5) Chart : Auto fog picture
- 6) Display : 7" color LCD screen
- 7) Printer : Thermal Printer
- 8) Power Supply : 100~240v, 50/60Hz



\$2,100.00

FA-6800 Auto Refractor



Measure Scope	Ref/Ker	Focus Type
Auto Ref/Ker SPHERE +/-20D CYLINDER +/-8.00	Ref/Keratometery	Manual Focus
Spherical Measuring Range: -20~+20D(VD=12), 0.125Dsteps Cylinder Measuring Range: -8~+8D, 0.12D/0.25D steps Axis Measuring Range: 0~180°, 1°steps Pupil Distance: 44~88mm, 1mm steps Vertex Distance: 0mm, 12mm, 13.75mm Min.Pupil Size: Ø2.2mm Chart: Auto fog Display: 7"CRT Monitor Print: Thermal Printer Power Supply: AC110~120(V)/220~240(V), 50/60HZ Dimensions: 282wx484dx440h mm Weight: Appox.20kg(44 lb)		

\$1,999.00

ARK-7800A Auto Refractor



Measure Scope	Ref/Ker	Focus Type
Auto Ref/Ker 7" Color Flip Touch Monitor,Auto Trace, SPH: -30.00D~+25.00D CYLINDER +/-10.00	Ref/Keratometery	Auto Trace
Main Features New optical system, unique imaging impression Hartman imaging analyzing and processing technology, accurate measurement result TFT touch screen,can move frong and back freely Motorized chinrest Auto paper-cutting pringter Technical Parameters Vertex Distance(VD): 0.0mm, 12.0mm, 13.75mm, 15.0mm SPH: -30.00D~+25.00D(VD=12mm, 0.01, 0.06, 0.12, 0.25 Unit) CYL: 0.00D~±10.00D(0.06, 0.12, 0.25 Unit) Axis(AX): 1°~180°(1° Unit) Cylinder Form: -, +, ± Pupil Distance(PD): 10~85mm Minimum Pupil Diameter: 2.0mm Measuring Time: ~0.5s Pupil Diameter: 2.00~8.00mm Measuring Light Energy: ~30uw(Insure measuring saret) Radius of Curvature: 5.0~10.0mm(0.01mm Unit) Corneal Power: 33.00D~67.00D(In case that the corneal equivalent refractive power is 1.3375) Corneal Astigmatism: 0.00D~15.00D(0.06D/0.12D/0.25D Unit) Data Storing: Each 10 measured values of left eyes and right eyes Axis: 1°~180° Chart: Auto fog		

\$2,800.00

ARK-7800B Auto Refractor



Measure Scope

Auto Ref/Ker 7" Color Flip Touch Monitor, Large Scale Auto Trace, SPH: -30.00D~+25.00D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace

Main Features

New optical system, unique imaging impression
Hartman imaging analyzing and processing technology, accurate measurement result
TFT touch screen, can move front and back freely
Motorized chinrest
Auto paper-cutting printer
Auto tracking and focusing during measuring

Technical Parameters

Vertex Distance(VD): 0.0mm, 12.0mm, 13.75mm, 15.0mm
SPH: -30.00D~+25.00D(VD=12mm, 0.01, 0.06, 0.12, 0.25 Unit)
CYL: 0.00D~±10.00D(0.06, 0.12, 0.25 Unit)
Axis(AX): 1°~180°(1° Unit)
Cylinder Form: -, +, ±
Pupil Distance(PD): 10~85mm
Minimum Pupil Distance: 2.0mm
Measuring Time: ~0.5s
Pupil Diameter: 2.00~8.00mm
Measuring Light Energy: ~30uw(Insure measuring safety)
Radius of Curvature: 5.0~10.0mm(0.01mm Unit)
Corneal Power: 33.00D~67.00D(In case that the corneal equivalent refractive power is 1.3375)
Corneal Astigmatism: 0.00D~15.00D(0.06D/0.12D/0.25D Unit)
Data Storing: Each 10 measured values of left eyes and right eyes
Axis: 1°~180°
Chart: Auto fog
Monitor: SHARP 7" TFT LCD touch screen(Angle of view adjustable)

\$3,800.00

ARK-7600 Auto Refractor



Measure Scope

Auto Ref/Ker 7" Color Flip Touch Monitor, Auto Trace, SPH: -30.00D~+25.00D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace

Vertex Distance(VD): 0.00mm, 12.0mm, 13.75mm, 15.0mm
SPH: - 30.00D ~+25.00D (VD = 12mm, 0.01, 0.06, 0.12, 0.25 units)
CYL: 0.00D ~ ±10.00D (0.12, 0.25 units)
Axis: 1° to 180° (1° Unit)
Astigmatism symbols: -, +, ±
Pupil distance: 10-85 mm
Minimum pupil distance: 2.0mm
Measurement time: ~0.5s
Pupil diameter: 2.00-8.00 mm
Measuring Light Energy: 30uw (Ensuring Measuring Safety)
Corneal curvature radius: 5.0-10.0 mm (0.01 mm accuracy)
Corneal diopter: 33.00D-67.00D (when corneal equivalent diopter is 1.3375)
Corneal astigmatism: 0.00D to -15.00D (0.06D/0.12D/0.25D unit)
Storage data: about 10 measurements each
Axis: 1° to 180°

View Point: Guided Cloud Map
Display: 7 inch TFT touch screen (viewing angle adjustable)
Printer: 57mm thermal printer
Power supply: AC 100-250V, 50/60Hz
N.Weight: 17.25 kg
G.Weight: 22.50 kg
Dimensions: (L) 750mm X (W) 400mm X (H) 585mm

\$2800⁰⁰

New

ARK-7610 Auto Refractor



Measure Scope

Auto Ref/Ker 7" Color Flip Touch Monitor, Large Scale Auto Trace, SPH: -30.00D ~ +25.00D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace

Vertex Distance(VD): 0.00mm, 12.0mm, 13.75mm, 15.0mm
 SPH: - 30.00D ~ +25.00D (VD = 12mm, 0.01, 0.06, 0.12, 0.25 units)
 CYL: 0.00D ~ ±10.00D (0.12, 0.25 units)
 Axis: 1° to 180° (1° Unit)
 Astigmatism symbols: -, +, ±
 Pupil distance: 10-85 mm
 Minimum pupil distance: 2.0mm
 Measurement time: □ 0.5s
 Pupil diameter: 2.00-8.00 mm
 Measuring Light Energy: 30uw (Ensuring Measuring Safety)
 Corneal curvature radius: 5.0-10.0 mm (0.01 mm accuracy)
 Corneal diopter: 33.00D-67.00D (when corneal equivalent diopter is 1.3375)
 Corneal astigmatism: 0.00D to -15.00D (0.06D/0.12D/0.25D unit)
 Storage data: about 10 measurements each
 Axis: 1° to 180°
 View Point: Guided Cloud Map
 Display: 7 inch TFT touch screen (viewing angle adjustable)
 Printer: 57mm thermal printer
 Power supply: AC 100-250V, 50/60Hz
 N.Weight: 17.25 kg
 G.Weight: 22.50 kg
 Dimensions: (L) 750mm X (W) 400mm X (H) 585mm

\$3800⁰⁰

New

FA-6500K Auto Refractor



Measure Scope

Ref/Keratometry, Flip Monitor
 SPHERE +/-20D CYLINDER +/-8.00

Ref/Ker

Ref/Keratometry

Focus Type

Manual Focus

Function:
 New color LCD screen, 7 inch TFT LCD Monitor
 Bigger, better monitor and icon-display? menu for easier operation and settings.
 Refractive measurement with Hexagon prism
 With high quality of hexagon prism and highly sensitive? CCD, it provides unmatched accuracy and reliability

Specifications:
 Range and measurement:
 Sphere: -20~+20D(VD=12mm) 0.25D step
 Cylinder: -8~+8D 0.25D step
 Axis: 0°~180°(1° step)
 Pupil Distance: 45~88 mm?1mm steps
 Vertex Distance: 0mm, 12mm, 13.75 mm
 Min. pupil diameter measurable: 2.0mm

Keratometer measurement:
 Radius of curvature: 5~10mm(0.01mm)
 Corneal Refraction: 33.75~67.50D(When corneal equivalent refractive index is 1.337) (increment selectable from 0.12, 0.25D) □ ?
 Corneal Astigmatism: 0.0~8.00D(increment selectable from 0.12/0.25D)
 Angle of corneal: 1°~180°(increment 1°)
 Corneal diameter: 2.0~14.00mm (increment 0.1mm)
 Memory of data: 10 Measure value for each right and left eye

\$1960⁰⁰

Bestseller

KR-9200 Auto Refractor



Measure Scope

Ref/Keratometry, Auto Trace, Flip Monitor
 SPHERE +/-20D CYLINDER +/-10.00
 Refractive Measurement

Ref/Ker

Ref/Keratometry

Focus Type

Manual Focus

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5~10mm (0.01mm step)
- Corneal Refraction: 30.00~67.00D (0.12/0.25D step)
- Corneal Astigmatism: 0.00~±15.00D (0.12/0.25D step)
- Angel of Corneal: 1°~180° (1°step)
- Corneal Diameter: 2.0~12.00mm

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 14.5kg

\$2,555.00

RM-9200 Auto Refractor



Measure Scope

Ref/Keratometry, Flip Monitor
 SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref Only

Focus Type

Manual Focus

Specifications:

Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

\$2,205.00

RM-9000 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
---------------	---------	------------

Ref Only, 7" Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref Only	Manual Focus
---	----------	--------------

Specifications:
Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target



\$1,925.00

KR-9000 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
---------------	---------	------------

Ref/Keratometry, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00	Ref/Keratometry	Manual Focus
--	-----------------	--------------

Featured

1. Adopt ARM process and latest image process technique, which makes the measurement be more quickly.
2. Proven optical system and auto fog chart, which makes the measurement be more accuracy.
3. As small as 2.0mm pupil diameter can be measured.
4. 5.7" LCD color display.
5. Pupil distance auto measured available.
6. New compact design enhances patient interaction.
7. Support Data connection with external machines, such as computerized vision tester and auto projector.

Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5~10mm (0.01mm step)
- Corneal Refraction: 30.00~67.00D (0.12/0.25D step)
- Corneal Astigmatism: 0.00~15.00D (0.12/0.25D step)
- Angle of Corneal: 1°~180° (1° step)
- Corneal Diameter: 2.0~12.00mm

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 14.5kg



\$2,275.00

RM-9600 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
Ref Only, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00 Auto Trace Refractive Measurement	Ref Only	Auto Trace

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 14.5kg

Crise
Ophthalmic



\$2,345.00

KR-9600 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00 Auto Trace Refractive Measurement	Ref/Keratometry	Auto Trace

- Vertex Distance: 0.0,12.0,13.75,15.0mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 30~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5~10mm (0.01mm step)
- Corneal Refraction: 30.00~67.00D (0.12/0.25D step)
- Corneal Astigmatism: 0.00~±15.00D (0.12/0.25D step)
- Angel of Corneal: 1°~180° (1°step)
- Corneal Diameter: 2.0~12.00mm

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 14.5kg



\$2,695.00

AR-820A Auto Refractor



Measure Scope

Ref Only, 8" Monitor SPHERE
+/-20D CYLINDER +/-10.00

Ref/Ker

Ref Only

Focus Type

Manual
Focus

Specifications:

Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

- Monitor: 8 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2,065.00

ARK-820 Auto Refractor



Measure Scope

Ref/Keratometry, 8" Touch Monitor
SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Manual
Focus

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0~10.2mm(Increments:0.01mm)
- Corneal Power: 33.00~67.50m-1(when corneal equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit)(Increments selectable from 0.12, 0.25m-1)
- Corneal astigmatism: 0.0~15.00m-1 (Increments selectable from 0.12, 0.25m-1)
- Axis: 1~180°(Increments:1°)
- Corneal Diameter: 2.0~14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2,275.00

AR-830A Auto Refractor



Measure Scope

Ref Only, Flip Monitor, Auto Trace 7" Monitor
SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref Only

Focus Type

Auto Trace

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0□10.2mm(Increments:0.01mm)
- Corneal Power: 33.00□67.50m-1(when corner equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0□-15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1□180°(Increments:1°)
- Corneal Diameter: 2.0□14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2,187.50

ARK-830 Auto Refractor



Measure Scope

Ref/Keratometer, Flip Monitor, Auto Trace 7" Monitor
SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0□10.2mm(Increments:0.01mm)
- Corneal Power: 33.00□67.50m-1(when corner equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0□-15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1□180°(Increments:1°)
- Corneal Diameter: 2.0□14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2,415.00

AR-800 Auto Refractor



Measure Scope

Ref Only, 5.7" Monitor Key Press,
SPHERE +/-20D CYLINDER +/-10.00,
Specifications:

Ref/Ker

Ref Only

Focus Type

Manual
Focus

Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$1,837.50

AR-800A Auto Refractor



Measure Scope

Ref Only, Import Chipset, 5.7" Monitor Key Press,
SPHERE +/-20D CYLINDER +/-10.00,
Specifications:

Ref/Ker

Ref Only

Focus Type

Manual
Focus

Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$1,890.00

ARK-800 Auto Refractor

Measure Scope

Ref/Keratometry, 5.7" Monitor Key Press, SPHERE +/-20D CYLINDER +/-10.00,

Ref/Ker

ry

Focus Type

Manual Focus

Specifications:

Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0~10.2mm(Increments:0.01mm)
- Corneal Power: 33.00~67.50m-1(when corneal equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0~15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1~180°(Increments:1°)
- Corneal Diameter: 2.0~14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg



\$2,100.00

AR-810A Auto Refractor

Measure Scope

Ref Only, Flip Monitor 7" Auto Trace Monitor SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

ry

Focus Type

Auto Trace

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg



\$2,012.50

ARK-810 Auto Refractor



Measure Scope

Ref/Ker

Focus Type

Ref/Keratometry, Flip Monitor 7" Auto Trace Ref/Keratometry Auto Trace
 Touch SPHERE +/-20D CYLINDER +/-10.00

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0□10.2mm(Increments:0.01mm)
- Corneal Power: 33.00□67.50m-1(when corner equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0□-15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1□180°(Increments:1°)
- Corneal Diameter: 2.0□14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2,240.00

ARK-860 Auto Refractor



Measure Scope

Ref/Ker

Focus Type

Ref/Keratometry, Flip Monitor 7" Touch Auto Trace Ref/Keratometry Auto Trace
 Trace SPHERE +/-20D CYLINDER +/-10.00

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0□10.2mm(Increments:0.01mm)
- Corneal Power: 33.00□67.50m-1(when corner equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0□-15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1□180°(Increments:1°)
- Corneal Diameter: 2.0□14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2240⁰⁰

New

AR-860A Auto Refractor



Measure Scope

Ref/Ker

Focus Type

Ref Only, Flip Monitor, Auto Trace 7" Monitor
 SPHERE +/-20D CYLINDER +/-10.00

Ref Only

Auto Trace

Specifications:

Auto Trace Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2187⁵⁰

New

FR-8900 Auto Refractor



Measure Scope

Ref/Ker

Focus Type

Ref Only, Monitor 5.7" Touch
 SPHERE +/-20D CYLINDER +/-8.00

Ref Only

Manual Focus

Specifications:

Refractive Measurement

- Vertex Distance: 0.0, 12.0, 13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Hardware Specification:

- Monitor: 7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg

\$2500⁰⁰

Action!

FKR-8900 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
---------------	---------	------------

Ref/Keratometry, 5.7" Touch Monitor SPHERE +/-20D CYLINDER +/-8.00	Ref/Keratometry	Manual Focus
---	-----------------	--------------

Specifications:

Refractive Measurement

- Vertex Distance: 0.0,12.0,13.75mm
- Sphere: -20.00~+20.00D(0.12/0.25D step)
- Cylinder: 0.00~±10.00D(0.12/0.25D step)
- Axis: 1°~180° (1° step)
- Pupil Distance: 45~85mm
- Min. Pupil Diameter Measurable: □2.0mm
- Target: Automatic fogging target

Corneal curvature measurement

- Radius of Curvature: 5.0□10.2mm(Increments:0.01mm)
- Corneal Power: 33.00□67.50m-1(when corner equivalent Refractive index is 1.337; 0.05/0.12/0.25m-1 unit) (Increments selectable from 0.12,0.25m-1)
- Corneal astigmatism: 0.0□-15.00m-1 (Increments selectable from 0.12,0.25m-1)
- Axis: 1□180°(Increments:1°)
- Corneal Diameter: 2.0□14.0mm(Increments:0.1mm)

Hardware Specification:

- Monitor: 5.7 inch Color LCD
- Printer: Fast thermal printer
- Power Saving Function: OFF, 5/15 mins (selectable)
- Power Supply: AC100~240V, 50/60Hz, 50W
- Dimensions: 288(W) * 500(D) * 480(H) mm
- Weight: 18kg



\$2,700.00

710 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
---------------	---------	------------

Ref/Keratometry, Auto Trace Flip Monitor 7" Touch SPHERE +/-20D CYLINDER +/-10.00	Ref/Keratometry	Auto Trace
--	-----------------	------------

\$2,800.00

HAR-800 Auto Refractor



Measure Scope

Infant Vision Screener, SPH -6.0D to +8.0D, CYL +/-3.00

Ref/Ker

Vision Screener

Focus Type

Manual Focus

Non-contact and non-invasive:

The light power is safe for eyes; There is 35cm(14 inches)between the instrument and the eyes.

Child-friendly:

Little cooperation is required, suitable for infants and those who have a language barriers.

Speedy Inspection:

One Key operation to complete the automatic detection of two eyes.

Accurate Result:

The advanced optical detection principle provides an accurate result: including myopia, hyperopia, astigmatism, axial and anisometropia.

Comprehensive detection modes:

Infant mode is specially designed for infants! Myopia model is customized for myopia people and even high myopia people (HAR-880 only); Adult mode is suitable for all adults.

Easy targeting:

Luminant cross-shape facilitates the targeting for operator.

Ultrasonic distance measurement:

Automatically monitor the distance with audible and visual hint.

Printer:Thermal printer is connected by infrared.

Parameters:

Sphere range -9.0D to +8.0D (HAR-880)-6.0D to +8.0D (HAR-800)

Sphere intervals 0.25D/0.1D

Cylinder range -3.0D to +3.0D

Cylinder intervals 0.25D/0.1D

Axis of astigmatism range 1° to 180°

Axis of astigmatism intervals 1°

Axis of astigmatism tolerance (0.25D to 1.00D) ±10°

\$6,125.00

HAR-880 Auto Refractor



Measure Scope

Infant Vision Screener, SPH -9.0D to +8.0D, CYL +/-3.00

Ref/Ker

Vision Screener

Focus Type

Manual Focus

Non-contact and non-invasive:

The light power is safe for eyes; There is 35cm(14 inches)between the instrument and the eyes.

Child-friendly:

Little cooperation is required, suitable for infants and those who have a language barriers.

Speedy Inspection:

One Key operation to complete the automatic detection of two eyes.

Accurate Result:

The advanced optical detection principle provides an accurate result: including myopia, hyperopia, astigmatism, axial and anisometropia.

Comprehensive detection modes:

Infant mode is specially designed for infants! Myopia model is customized for myopia people and even high myopia people (HAR-880 only); Adult mode is suitable for all adults.

Easy targeting:

Luminant cross-shape facilitates the targeting for operator.

Ultrasonic distance measurement:

Automatically monitor the distance with audible and visual hint.

Printer:Thermal printer is connected by infrared.

Parameters:

Sphere range -9.0D to +8.0D (HAR-880)-6.0D to +8.0D (HAR-800)

Sphere intervals 0.25D/0.1D

Cylinder range -3.0D to +3.0D

Cylinder intervals 0.25D/0.1D

Axis of astigmatism range 1° to 180°

Axis of astigmatism intervals 1°

Axis of astigmatism tolerance (0.25D to 1.00D) ±10°

\$7,000.00

EasyRef Auto Refractor

Measure Scope	Ref/Ker	Focus Type
Infant Vision Screener, SPH +/-10.0D, CYL +/-5.00	Vision Screener	Manual Focus

3 Step to Have Report:

- Step 1: Simply put the screener against the forehead
- Step 2: Centre the cross on the pupil
- Step 3: Save, print or share the report

Parameters:

Sphere range: -10.0D ~ +10.0D
 Sphere tolerance: $\pm 0.5D$
 Cylinder range: -5.0D ~ +5.0D
 Cylinder tolerance: $\pm 0.5D$
 Axis of astigmatism range: $1^\circ \sim 180^\circ$
 Data acquisition time: 1s/eye
 External: Windows PC/laptop/tablet
 Net weight: 360g



\$6125⁰⁰

New

FA-6500 Auto Refractor

Measure Scope	Ref/Ker	Focus Type
Auto Ref Only 7" Flip Monitor, SPHERE +/-20D CYLINDER +/-8.00	Ref Only	Manual Focus

Function:

New color LCD screen, 7 inch TFT LCD Monitor
 Bigger, better monitor and icon-display?
 menu for easier operation and settings.
 Refractive measurement with Hexagon prism
 With high quality of hexagon prism and highly sensitive?
 CCD, it provides unmatched accuracy and reliability

Specifications:

Range and measurement:?
 Sphere: -20~+20D(VD=12mm) 0.25D step
 Cylinder: -8~+8D 0.25D step
 Axis: $0^\circ \sim 180^\circ$ (1° step)
 Pupil Distance: 45~88 mm?1mm steps
 Vertex Distance: 0mm, 12mm, 13.75 mm
 Min. pupil diameter measurable: 2.0mm



\$1,785.00

SJR-9900 Auto Refractor

Measure Scope

Economic Type Ref Only 7" B/W Monitor, Key Press Inpute, SPHERE +/-20D CYLINDER +/-8.00

Ref/Ker

Ref Only

Focus Type

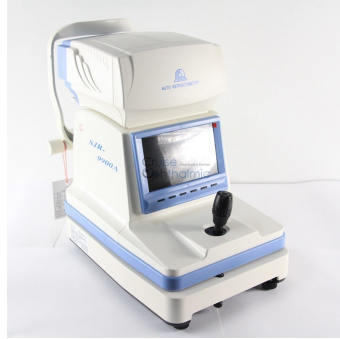
Manual Focus

FEATURES

- 5.6" B/W TFT LCD screen;
- Convenient user menu setting ;
- Easy to operate, one-hand control
- Faster and more accurate measurement
- More broad measurement range of Min.Pupil size
- To Φ 2.0mm
- Functions mode selection
- Auto fog chart
- Auto PD measurement

SPECIFICATIONS

- Vetex Distance: 0mm, 12mm, 13.75mm
- Sphere Power(SPH): -20 ~+20D(VD=12) 0.12D/0.25D Step
- Cylinder Power(CYL): 8~+8D, 0.12D/0.25D Step
- Axis(AX): 0-180°, 1° Step
- Cylinder Form: -,+,±
- Pupil Distance(PD): 45-88mm,1mm Step
- Minimum Pupil Diameter: 2.0mm



\$1,360.00

SJR-9900A Auto Refractor

Measure Scope

Economic Type Ref Only 7" Color Touch Monitor, SPHERE +/-20D CYLINDER +/-8.00

Ref/Ker

Ref Only

Focus Type

Manual Focus

FEATURES

- 5.6" Color TFT LCD screen;
- Convenient user menu setting ;
- Easy to operate, one-hand control
- Faster and more accurate measurement
- More broad measurement range of Min.Pupil size
- To Φ 2.0mm
- Functions mode selection
- Auto fog chart
- Auto PD measurement

SPECIFICATIONS

- Vetex Distance: 0mm, 12mm, 13.75mm
- Sphere Power(SPH): -20 ~+20D(VD=12) 0.12D/0.25D Step
- Cylinder Power(CYL): 8~+8D, 0.12D/0.25D Step
- Axis(AX): 0-180°, 1° Step
- Cylinder Form: -,+,±
- Pupil Distance(PD): 45-88mm,1mm Step
- Minimum Pupil Diameter: 2.0mm



\$1560⁰⁰

Bestseller

8500K Auto Refractor

Measure Scope

Ref/Keratometry (No Korea Sales)KOREA AXIS Sensor 7" Color Touch Monitor, SPHERE +22~-25.00 CYLINDER +/-10.00

Features

- When operate AREF8500K, you can expect a high quality and best customer service.
- Auto-Starting
- As soon as AXIS is properly aligned to each eye, this function initiates the measurement process and generates the measurement results automatically.
- Automatic Fogging
- The AXIS incorporates an infinity scene diopters of fog to control accommodation.
- Instinctive, Easy of use UI.
- Its users can enjoy convenient and comfortable operation due to easy of use UI.
- HR LCD (High Resolution Color LCD Monitor)
- 0.3 Mega Pixel 6.4 inches TFT Color LCD provides fine and large iris image with color alignment marks.
- Automatic PD Measurement
- AXIS automatically calculates pupillary distance for both near and far vision.
- Other measurements
- IOL, PD, Pupil diameter, CLBC, Ret-illum, etc.
- Alignment marks
- Move closer to the patient
- Move further to the patient
- Incorrect collimation

Refractometer mode

Sphere: -25.00D~+22.00D

Cylinder: 0~-+10D

Axis: 1~180°

Keratometer mode

Corneal curvature: R5.0mm~R10mm

Corneal refraction: 67.5D~33.7D

Corneal astigmatism: 0~-+10D

Axis angle: 1~180°

Other measurement mode

Pupil distance: 0~85mm

Pupil diameter: 0~12mm

CLBL: R5.0mm~R10mm

IOL: OK

Ret-illum: OK

Ref/Ker

Ref/Keratometry

Focus Type

Manual Focus



ARK-700 Auto Refractor

Measure Scope

Ref/Keratometry KOREA AXIS Sensor 7" Color Monitor, Key Press Input, SPHERE +22~-25.00 CYLINDER +/-10.00

Features:

- Optical system: Optical Technology and Image Process Technology which are developed by HUVITZ Korea.
- Keratometry Measurement: With 2 MIRE RING and 2 LED, this machine can get the most precise keratometry; it can not only measure the radius of cor curvature, but also the refractometry.
- Automatic P.D Measurement: P.D measurement will automatically be done during the binocular test.
- V.D Measurement: It can be adjusted into 4 stages(0:12:13:15mm)
- Pupil Size/Iris diameter Measurement: The maximum pupil diameter can be 14mm, the captured image makes the statement of iris and contact lens bar curve more clear.
- 5.7" colored LCD.
- Refractometry and keratometry measurement are available.
- Easy Lock Function.
- Speedy Printer.
- Automatic Power-saving Function: If you do not use the machine for regular minutes, the system will cut off the power automatically to protect the machine.

SPECIFICATIONS

Measurement Mode

1. REF/KER Mode: Continuous Refractometry and Keratometry
2. REF Mode: Refractometry
3. KER Mode: Keratometry
4. CLBC Mode: Contact Lens Base Curve Measurement

Power Measurement

1. Cornea Vertex Distance(VD): 0.0, 12.0, 13.5, 15.0
2. Spherical Power: -25.00 ~ +22.00D(0.125/0.25D STEP)
3. Cylinder Power: 0.00 ~ ±10.00D(0.125/0.25D STEP)

4. Axis: 1~180°(1°STEP)

5. Cylinder Location: -/+1

6. Pupil Distance (P.D): 0~85mm

7. Minimal Pupil Size: Φ2.0mm

Cornea Measurement

1. Cornea Curvature Radius: 5.0 ~ 10.0mm(0.01 STEP)

2. Cornea Power: 33.70 ~ 67.50D

(Cornea equivalence power.3375)

(0.05/0.12/0.25D STEP)

3. Cornea Cylinder Power: 0.00 ~ +/-10.00D(0.05/0.12/0.25D STEP)

4. Cornea Cylinder Axis: 1 ~ 180°(1°STEP)

5. Cornea Diameter: 2.0 ~ 14.00mm(0.1mm STEP)

Ref/Ker

Ref/Keratometry

Focus Type

Manual Focus



\$2,450.00

SW-800 Auto Refractor

Measure Scope

Infant Vision Screener, SPH +/-7.5.0D, CYL +/-3.00

Ref/Ker

Vision Screener

Focus Type

Manual Focus



\$4,199.00

ARK-1A Auto Refractor

Measure Scope

Semi Auto L/R Eye handel Move, Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace



Specifications

- Refractometer mode
- Sphere: -20.00D~+20.00D
- Cylinder: 0~+/-10D
- Axis: 1~180°
- Keratometer mode
- Corneal curvature: R5.5mm~R10.00mm
- Corneal refraction: 67.5D~33.7D
- Corneal astigmatism: 0~+/-10D
- Axis angle: 1~180°
- Other measurement mode
- Pupil distance: 0~85mm
- Pupil diameter: 0~12mm
- CLBL: R5.0mm~R10mm
- IOL : OK
- Ret-illum: OK
- Measuring start : Manual
- Display : 7.0 inches 0.3M TFT color LCD
- Alignment : Color display
- Printer: Built in printer
- Power supply: AC110~240Vac 50/60Hz 100VA
- Dimension: 242(w)x467(d)x465(h)
- Weight : 16.5kg

\$1575⁰⁰

New

ARK-1B Auto Refractor

Measure Scope

Semi Auto L/R Eye handel Move, Ref/Keratometry, Auto Trace, Flip Monitor SPHERE +/-20D CYLINDER +/-10.00

Ref/Ker

Ref/Keratometry

Focus Type

Auto Trace

Specifications

Refractometer mode

Sphere: -20.00D~+20.00D

Cylinder: 0~+/-10D

Axis: 1~180°

Keratometer mode

Corneal curvature: R5.5mm~R10.00mm

Corneal refraction: 67.5D~33.7D

Corneal astigmatism: 0~+/-10D

Axis angle: 1~180°

Other measurement mode

Pupil distance: 0~85mm

Pupil diameter: 0~12mm

CLBL: R5.0mm~R10mm

IOL : OK

Ret-illum: OK

Measuring start : Auto

Display : 7.0 inches 0.3M TFT color LCD

Alignment : Color display

Printer: Built in printer

Power supply: AC110~240Vac 50/60Hz 100VA

Dimension: 242(w)x467(d)x465(h)

Weight : 16.5kg



\$1925⁰⁰

New