

AKR 700



ULTIMATE COMFORT
FOR USERS AND PATIENTS



AKR 700

AUTO KERATO-REFRACTOMETER



Optometry





FULLY AUTOMATIC

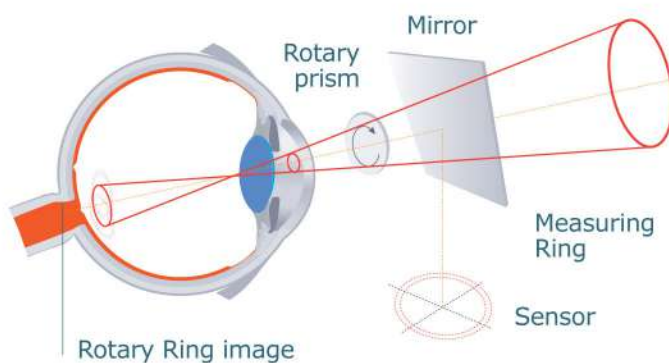
- Fully automated process from alignment to printing, for easy and quick test.
- Intuitive color touch screen to perform all operations from one panel.
- Automatically detects abnormal eye conditions and switches to IOL mode.



MEASUREMENT PRECISION

- Fast and precise measurement based on rotary prism technology.
- Central and peripheral keratometry to ensure thorough evaluation of the cornea for contact lens fitting.

ROTARY PRISM TECHNOLOGY



A technology which makes the difference even in most complex cases.

The rotary prism method ensures objective measurement reliability, precision and regularity. The original optical system, measures a wider area on the retina to ensure optimal results, even on small-diameter pupils.

ULTIMATE COMFORT

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The **AKR 700** is a latest-generation auto-kerato refractometer, combining high quality automated measurement cycles and revolutionary ergonomic design. A perfect mix between efficiency and comfort.



COMFORT & CLOSENESS

- Freedom of movement thanks to 360° swivelling touch screen.
- Interaction and closeness with patient, notably elderly and children.
- Compact design to adapt easily to all environments.
- Ergonomic chin and headrest, slightly inclined for stability and comfort.

REFRACTION LINE OPTIMIZATION



Objective refraction
from AKR



Previous prescription
from lensmeter



- Optimized management of the refraction data workflow
- Pre-adjustment for a quick and precise vision test

SPECIFICATIONS

Refraction measurement		Keratometry measurement	
Sphere	-25.00D ~ +22.00D (0.12D ~ and 0.25D)	Corneal curvature radius	5.00 to 10.00 mm (0.01 mm)
Cylinder	-0.00D ±10.00 (0.12D / 0.25D)	Refraction index	1.3375
Axis	0° ~ 180° (1° / 5°)	Corneal refraction	67.5D to 33.75D (0.12D / 0.25D)
Minimum measurable pupil diameter	ø 2 mm	Corneal astigmatism	0D to ± 10D (0.12D / 0.25D)
PD measurement	20 - 85 mm (1mm)	Astigmatism axis	0° to 180° (1° / 5°)
Release		Release	Automatic semi-automatic - manual
Integrated printer	•	Screen	8,5", Color LCD touch screen, tilting
External output terminal	USB (import), RS 232C (export), LAN (export)	Dimensions and weight	286 (W) X 526 (D) X 615 (H) mm - 19 Kg
		Power-supply	100-240V AC, 50-60Hz, 75VA
		Marquage  de conformité	

PRODUCT FUNCTIONS



Rotary prism
technology



Keratomy



Objective
Refraction



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