



# AKR 300

CONVENIENT AND EASY-TO-USE  
OBJECTIVE REFRACTION



# AKR 300

## A SMART AND CONVENIENT REFRACTION SOLUTION FOR YOUR PRACTICE

## SPECIFICATIONS

### EASY AND FAST MEASUREMENTS



- Integrated periphery keratometry measurement for contact lens fitting
- Easy measurement of the corneal, pupil, and hard contact lens diameters
- Customization of measurement protocols

### INTUITIVE USAGE



- Instant access and display of last 10 measurements stored in memory
- Assistant measurement function
- Unique Technology: «Live mode» to assist measurement

### COMPACT AND ERGONOMIC



- 5.7" TFT LCD color touchscreen with 90° tilt capability
- Motorized chin rest for convenient patient positioning
- Easy access to settings and measurement modes

### MEASUREMENT MODES

**K/R Mode:** Continuous Keratometry and Refractometry

**REF Mode:** Refractometry

**KER Mode:** Keratometry

**CLBC Mode:** Contact Lens Base-Curve Measurement

**K(P) Mode:** Peripheral Keratometry

### REFRACTION MEASUREMENT

Sphere -25.00D to +22.00D (0.12D and 0.25D)

Cylinder -0.00D to ±10.00 (0.12D / 0.25D)

Axis 0° to 180° (1°)

VD (Vertex Distance) 0.0, 12.0, 13.5, 15.0

PD measurement: 10 - 88 mm (1 mm)

Minimum measurable pupil diameter - 3 mm

### KERATOMETRY MEASUREMENT

Corneal curvature radius 5.00 to 10.20 mm (0.01 mm)

Corneal refraction 67.5D to 33.00D (0.05D / 0.12D / 0.25D)

Corneal astigmatism 0D to ± 15D (0.05D / 0.12D / 0.25D)

Astigmatism axis 0° to 180° (1°)

### OTHERS

Corneal diameter 2.00 to 14.00 mm (0.01 mm)

Data memory: 10 measured values for each eye

Screen 5.7", Color TFT LCD (touchscreen)

Dimensions and weight 10 (W) x 20 (D) x 18 (H) in. - 44 lbs

Integrated printer with auto-cutter function

External output terminal: USB (import), RS 232C (export)

Power-supply 100-240 V AC, 50-60 Hz

As improvements are made, these specifications and pictures are not contractually-binding and may be changed without prior notice.



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