



AKR 300

CONVENIENT & EASY-TO-USE
OBJECTIVE REFRACTION



AKR 300

A SMART AND CONVENIENT REFRACTION SOLUTION FOR YOUR PRACTICE

SPECIFICATIONS

EASY & FAST MEASUREMENTS.



- Integrated periphery keratometry measurement for contact lens fitting.
- Cornea diameter, pupil & hard contact lens easy measurement.

INTUITIVE USAGE.



- Instant access & display of last 10 measurements stored in memory.
- Assistant measurement function.

COMPACT & 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 & Refractometry

REF Mode: Refractometry

KER Mode: Keratometry

CLBC Mode: Contact Lens Base Curve Measurement

K(P) Mode: Peripheral Keratometry

REFRACTION MEASUREMENT

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

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

Axis 0° ~ 180° (1°)

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

PD measurement: 10 - 88 mm (1 mm)

Minimum measurable pupil diameter ø 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 ~ 14.00 mm (Step:0.01 mm)

Data memory: 10 measured value for each eye

Screen 5,7", Color TFT LCD (touch screen)

Dimensions and weight 260(W) x 500(D) x 450(H) mm - 20 kg

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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