

AKR 550



HIGH PERFORMANCE IN REFRACTIVE DATA



AKR 550

AUTO KERATO-REFRACTOMETER



Optometry





HIGH QUALITY MEASUREMENTS

- High measurement accuracy, even on small pupils
- Guided alignment and auto-shoot : once focus is done, measurement starts automatically
- Automatic pupil size measurement in scotopic and photopic light conditions
- Tilting and swiveling screen to operate both in seated and standing positions

READY FOR AUTOMATED REFRACTION CHAIN

- Can be easily connected to the APH 550 automatic refractor for an automatic transmission of objective refraction data

REFRACTION MEASUREMENT		KERATOMETRY MEASUREMENT	
Sphere	-30.00 D ~ +22.00 D (0.12/0.25D)	Corneal curvature radius	5.00 ~ 10.00 mm (0.01 mm)
Cylinder	-0.00 D ~ ±10.00 (0.12/0.25 D)	Corneal refraction	67.5 D ~ 33.75 D (0.12 D / 0.25 D)
Axis	0° ~ 180° (1°)	Corneal astigmatism	0 D ~ ± 10 D (0.12 D / 0.25 D)
Minimum measurable pupil diameter	ø 2.0 mm	Astigmatism axis	0° bis 180° (1°)
PD MEASUREMENT	85 mm (1 mm)	PUPIL DIAMETER MEASUREMENT	φ2.0mm ~ φ8.5mm (0.1 mm)
INTEGRATED PRINTER	•	DIMENSIONS AND WEIGHT	260(L) x 442(D) x 445(H) mm - 13kg
EXTERNAL OUTPUT TERMINAL	RS 232C	POWER-SUPPLY	100-240 V AC, 50-60 Hz, 60 VA
COLOR LCD TOUCH SCREEN	Size: 5.7" Tilting angle: 40° Swivelling angle: 30° (left)	CE Conformity marking	

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

PRODUCT FUNCTIONS



Keratometry



Objective Refraction



Communication with APH 550