

AKR 550



HIGH PERFORMANCE IN REFRACTIVE DATA



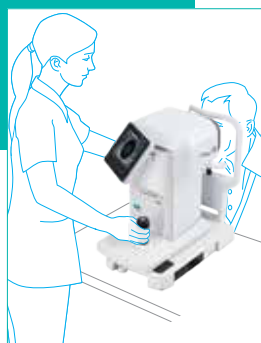
AKR 550

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		PUPIL DIAMETER MEASUREMENT	
85 mm (1 mm)		ø2.0mm ~ ø8.5mm (0.1 mm)	
INTEGRATED PRINTER		DIMENSIONS AND WEIGHT	
•		260(L) x 442(D) x 445(H) mm - 13kg	
EXTERNAL OUTPUT TERMINAL		POWER-SUPPLY	
RS 232C		100-240 V AC, 50-60 Hz, 60 VA	

CE Conformity marking

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

PRODUCT FUNCTIONS



Keratology



Objective Refraction



Communication
with APH 550

Contact:



Essilor Instruments USA
8600 W. Catalpa Avenue, Suite 703
Chicago, IL 60656
Phone: 855.393.4647
Email: info@essilorinstrumentsusa.com
www.EssilorInstrumentsUSA.com