

# AKR 550

Distributed by:  
OPTHALMIC - OPTOMETRIST  
OPTHALMOLOGY EQUIPMENTS  
& SUPPLIES  
**MetaMata  
edika**

**Essilor**  
INSTRUMENTS

## HIGH PERFORMANCE IN REFRACTIVE DATA



AKR 550

AUTO KERATO-REFRACTOMETER

NO AKL: KEMENKES RI AKL 21202719413



**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.

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

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

### PRODUCT FUNCTIONS



Keratomy



Objective Refraction



Communication  
with APH 550