

APH 550

AUTOMATIC REFRACTOR FOR TODAY'S MODERN PRACTICE



APH 550

AUTOMATIC REFRACTOR



pola



Optometry



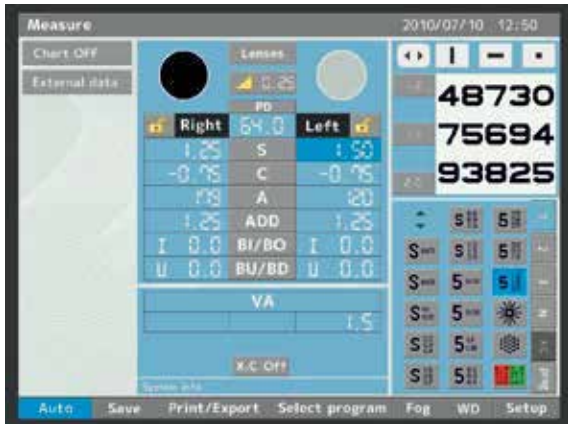
AUTOMATIC REFRACTOR FOR TODAY'S MODERN PRACTICE

The APH550 is a high-end automatic refractor offering speed and comfort for all types of tests. With its highly-intuitive keyboard and interconnection possibilities, it is the ideal tool to optimize the refraction chain.



ULTRA-INTUITIVE KEYBOARD

- 10" wide touch screen offering the same visual ergonomics as tablet
- Fast learning curve thanks to the refine and user-friendly interface
- Central Dial to quickly refine S/C/A with only one hand
- Compact design with a tiltable screen



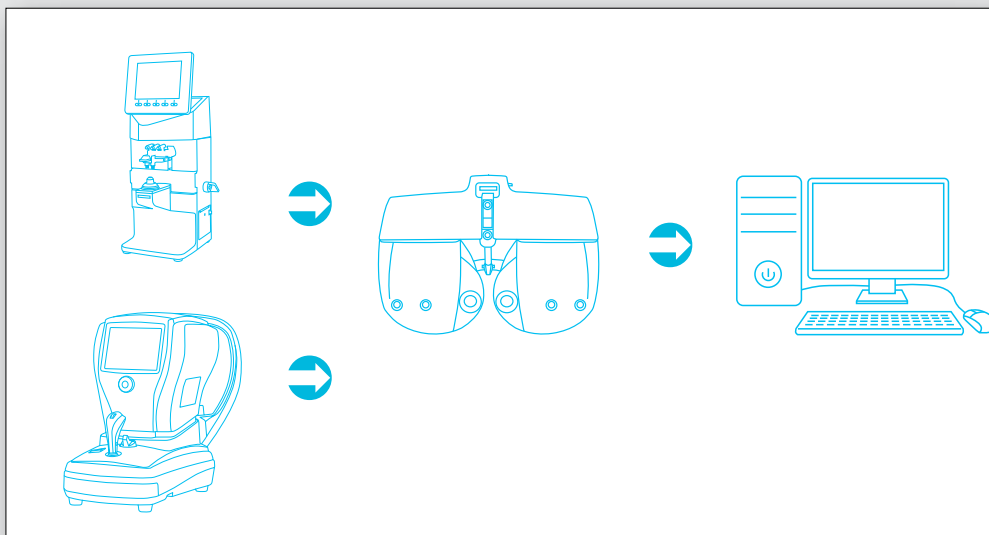
A SMOOTHER WORKFLOW

- Easy data transfer from AKR or lensmeter to streamline the flow of refraction data
- One centralized screen to control refractor and vision tests in a smooth workflow.
- Automated functions and customizable protocols to optimize your personal test requirements
- Save and compare prescriptions in 2 clicks only.

A BETTER EXPERIENCE FOR PATIENT

- Optimal patient comfort thanks to a quiet phoropter
- High-speed rotation disk achieving smooth motion
- Starting the refraction as close to final prescription as possible, making the exam shorter and less tiring for the patient

AUTOMATIC REFRACTION CHAIN



To simplify and speed up the examination process, the system can pull in data from an AKR or lensmeter.¹

At the end of refraction, the APH 550 can also transfer the refraction results to your Patient Management System (PMS)¹

¹ Check the compatibility of the devices with the manufacturer

COMPATIBLE SCREEN



CS POLA 600



CS 550



CP 550

SPECIFICATIONS

MEASURING RANGE		AUXILIARY LENS	
Pupillary distance	48 mm ~ 80 mm	Red/green filter	•
Sphere	-28.75 ~ 27.25D (0.12D, 0.25D, 0.50D und 1.00D)	Polarizing filter	•
Cylinder	-6.00D ~ + 6.00D (0.25D, 1.00D)	Prism	6 Δ / 10 Δ
Axis	0° ~ 180° (1° / 5°)	Red Maddox (Horiz./vertic.)	Red
Prism	0 ~ 20 Δ (0.1 Δ / 0.5 Δ / 1.0 Δ)	Lens for retinoscopy	•
		Cross cylinder (±0.50D)	•
		Pinhole	•
		Occluders	•
		Jackson Cross cylinder	±0.25D / ±0.50D
CONVERGENCE (NV)		DIMENSION AND WEIGHT	
	•	Head	16.4 (w) (max) x 4.4 (D) x 12.1 (H) in - 11.7 lb
VERTEX DISTANCE		Dial controller	10.7 (w) x 10.7 (D) x 8.0 (H) in - 5.5 lb
	12/13.75/16/18 mm	Power supply	12.8 (w) (max) x 4.7 (D) x 3.3 (H) in - 5.3 lb
KEYBOARD			
Screen	10"4 Touchscreen		
Integrated printer	•		
POWER SUPPLY			
	AC100 to 240V, 50/60Hz		

CE Conformity marking

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

FUNCTIONS



Sphere and cylinder



Prism



Polarization



Cross Cylinder

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NETWORK

