

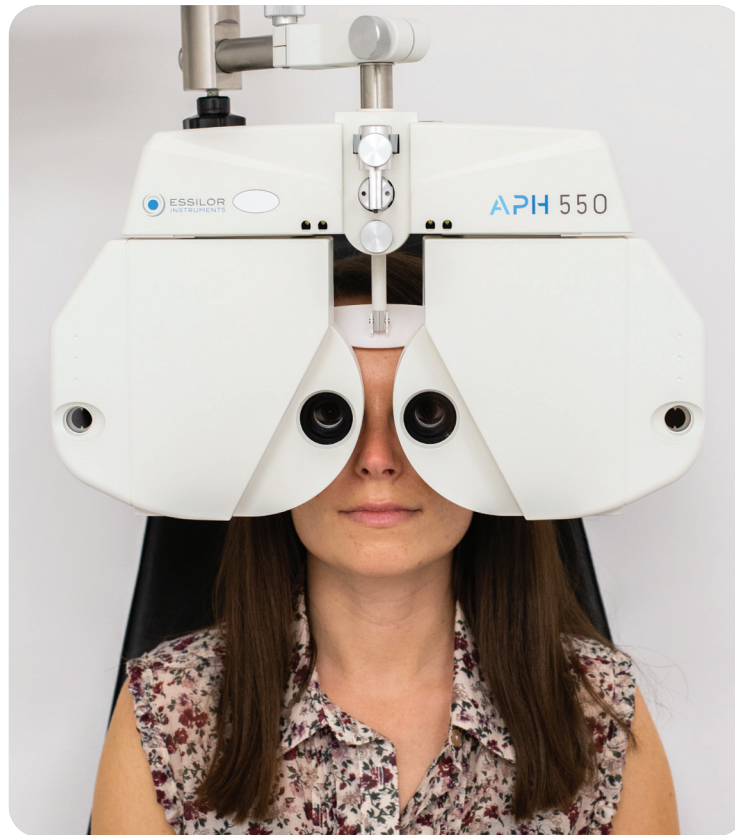


Integrated
automated phoropter



The APH 550 has been engineered as a complete automated phoropter, delivering swift and comfortable performance across all test types. Whether transitioning from a manual instrument or using an automated phoropter, it is designed to be easily incorporated into daily practice.

Thanks to its computer control option and connectivity, the APH 550 can adapt to all clinical settings.

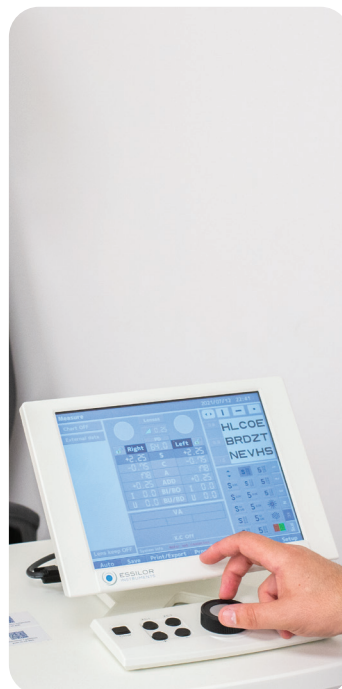


1. Intuitive controls

10-inch touchscreen monitor offers ergonomic and easy access to all available tests.

Refract with full-control thanks to the user-friendly interface.

Central control knob and buttons allow for swift adjustment of power, cross-cylinders and visual acuity charts while interacting with your patient.



2. Smooth refraction process

Save time and import data directly from autorefractometers, lensmeters or your patient's file (PMS) for an automatized information flow.

Customize it to your refraction protocols to tailor vision tests to specific needs.

3. Designed for comfort



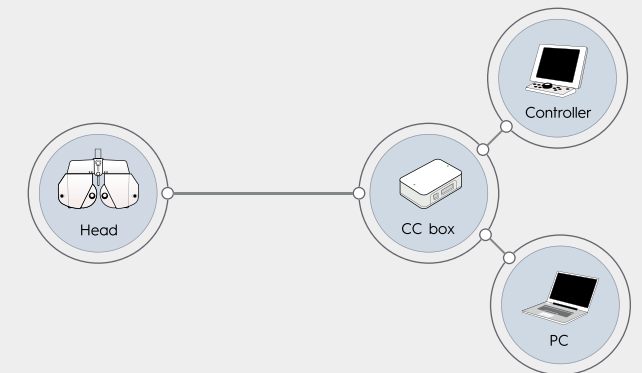
The quiet disk rotation ensures comfort for both the patient and the practitioner.

Swift power changes thanks to quick lens rotations, results in a smooth experience for the patient.

Split Cross-Cylinder feature allows you to show two cross-cylinder positions at the same time for an easy and quick way to assess astigmatism.

Enhance your refraction workflow with the optional APH 550 Computer Control System

This optional add-on provides direct control of the APH 550 from a Windows laptop or desktop computer, enhancing connectivity and operational flexibility.



Remote Operation

Perform refractions from any location within the examination room, improving workflow and patient interaction.

User Interface Integration

Operate the APH 550 user interface directly from a Windows computer, ensuring a familiar and efficient control environment.

Operational Flexibility

Seamlessly transition between manual and computer control.

Process Efficiency

Facilitate the refraction process with rapid data entry and customizable keyboard shortcuts for phoropter functions.

Technical specifications



CS POLA 600



CS 550



CP 550

Specifications	
Sphere	-28.75 D to +27.25 D
Cylinder	-6.00 D
Axis	0° to 180°
Prism	0Δ to 20Δ
Pupillary distance	48 to 80 mm
Cross cylinder	±0.25 D / ±0.50 D
Near charts range	30 to 70 cm
Vertex distance	12 mm, 13.75 mm, 16 mm, 18 mm
Auxiliary lens	- Red filter / Green filter - Linear polarized filter (45° / 135°) - White & Red maddox - Skiascopy glass - Cross cylinder ±0.50 D - Pinhole / Occluder
Convergence	Total
Control system	Controller keyboard
Screen size	10"
Touch screen	Yes
Tilttable screen	Yes
Key number	11
Wired / not wired	Wired
Connectivity	Yes
Printer	Integrated to the keyboard

CE

APH 550-Brochure-EN-VI-Nov2025

APH 550 (Class I) and its accessory of medical device APH550CC system (APH550CCBOC + APH550PCSW) are intended for Optometry. Manufacturer: REXXAM.

For professional use only, read attentively the instructions for use. As improvements are made, these specifications are not contractually binding and may be modified without prior notice.

ESSILOR INSTRUMENTS

