



YPA-2100

REFRACTOR

YPA-2100's advanced technology optimizes performance and provides Patients with an accurate, comfortable and enjoyable refraction experience.

Robust Design

High-quality lenses, Solid mechanisms and Corrosion-resistant materials assure excellent performance and durability. Fast lens changes help to minimize interference and patient eye fatigue. Quiet operation offers more comfort during exams.



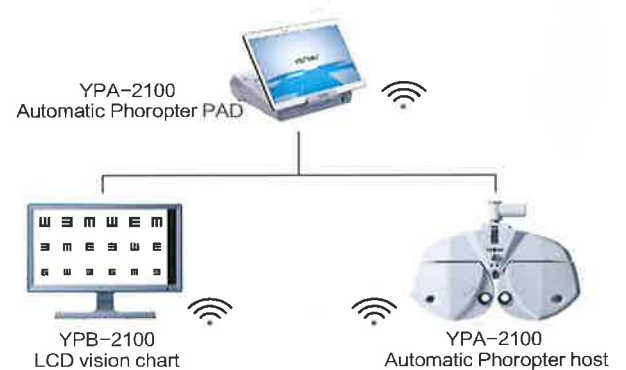
Tablet Based Control

Refractions are performed on the wireless tablet allowing Operators to communicate with the patient easily from any comfortable position. The ability to move freely with the wireless tablet control reduces stress from repetitive motion and allows for improved monitoring of patient expressions and position.



Smart Software

The YPA-2100 offers various intelligent features such as automatic auxiliary lens loading, dual cross cylinder lens, Left/Right independent PD adjustment. The interface displays a great deal of information and is quick and easy to learn.



Integration system

YPA-2100 communicates with the LCD visual chart (YPB-2100) made by YEASN through a dedicated wireless network. All functions of Visual Chart can be carried out with Tablet of the YPA-2100.



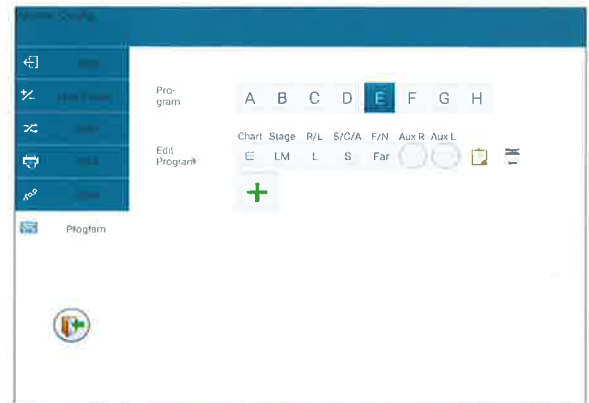
Simplicity,
Imbued with precision.

Every detail is remodeled, integrated into a seemingly simple but excellent and precise design.



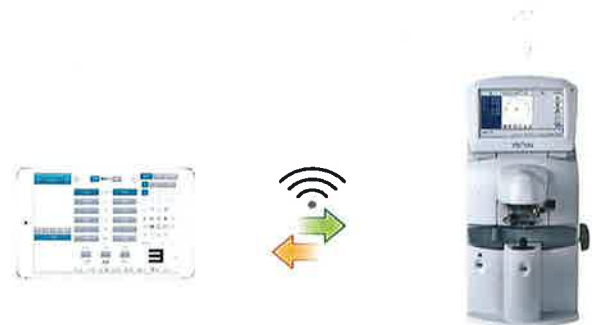
Customized Process

The software provides the ability to set up to 8 custom refraction sequences to help standardize your process or help in situations where parts of the refraction are being delegated.



Data Transfer

YPA-2100 supports data communication from most popular lensmeters and auto refractors. It is possible to transfer data from one ARK or LM to multiple YPA-2100 units. YPA-2100 output's data to the PC for connection to most EMR's.



Ergonomic Design

The beautiful curvilinear and lightweight design perfectly fits a small space and provides a comfortable examination. With a viewing angle of 40-degree, test results can be secured practically and accurately.

High-speed Line Printer with Auto Cutter

The high-speed line printer with auto cutter runs fast and quietly. Measurement data is simply laid out so it's useful for explanation to patients.



Specification



Measurement range

Sphere	-29.00D~+26.75D
	Step: 0.12D、0.25D、1D
Cylinder	-8.75D~+8.75D
	Step: 0.25D、1D
Axis	0°~180°, Step: 1°、5°
Prism	0△~20△, Step: 0.1△、0.5△
Prism Basal Angle	0°~360°, Step: 1°、5°
PD	48mm~82mm (far mode) /49mm~75mm (Working distance of 35cm)

Auxiliary lenses

Auto-cross cylinder lens	±0.25D、±0.50D、Prism Split Lens
Cross cylinder lens	±0.50D
Pinhole plate	φ1mm
PD check lens	✓
Red/Green filter	Red(Right) / Green(Left)
Polarizing filters	Right: 45°, Left:135°; Right:45°/0.125D, Left:135°/0.125D
Circular polarizing filters	✓
Maddox Rod	Right: Red, Horizontal; Left:Wight, Vertical.
Sphere for retinoscopy	+1.5D、+2.0D
Disassociating Prism	Right:6△BU;Left:10△BI

Forehead rest adjustment	14mm
Refraction distance for near vision	150mm~400mm
Vision angle	40°
Vertex distance marking	12mm、13.75mm、16mm、18mm、20mm
Horizontal level adjustment	±2.5°
Power supply	AC 220V,50Hz, Power 70VA
Host Dimensions	400mm (W) ×92mm (D) ×275mm (H) /3.9kg
Printing base Dimensions	200mm (W) ×200mm (D) ×80mm (H) /0.6kg

All indexes in the catalog are only for reference. We regret not informing you of any further modification and our company reserves the right of final interpretation.



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