

Specification



Measurement range

Sphere	-29.00D~+26.75D
	Step: 0.12D、0.25D、1D、2D、3D
Cylinder	-8.75D~+8.75D
	Step: 0.25D、0.5D、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

XC lens	±0.25D、±0.50D
Dual XC lens	±0.25D,Dual XC
Fixed XC lens	±0.50D, fixed axis:90°
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~700mm
Vertex distance marking	12mm、13.75mm、16mm、18mm、20mm
Horizontal level adjustment	±2.5°
Power supply	AC ~100-240V,50/60Hz, Power 1.4-0.7A
Host Dimensions	Typ.400mm (L) ×92mm (W) ×275mm (H) /3.8kg
Printing base Dimensions	Typ.200mm (L) ×200mm (W) ×80mm (H) /0.8kg

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.

Distributed by:



VITOP MALAYSIA SDN BHD

75G, Jln 11/62A, Bdr Menjalara, 52200 KL, Malaysia
M: +6017 650 6162 O: +603 6262 0001 E: allana@vitop.com.my

VITOP PTE LTD

51, Bukit Batok Crescent #06-15, Unity Center, Singapore 658077
M: +65 9026 4685 O: +65 6316 4749 E: jason@vitop.com.sg



YPA-2100

REFRACTOR

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



Reliable design

High-performance stepper motor and precise transmission design assure the excellent performance and durability.

High-quality coating process greatly enhances the light transmittance of the lens, and works with the independently developed lens photometric detection device to ensure the accurate optometry results.



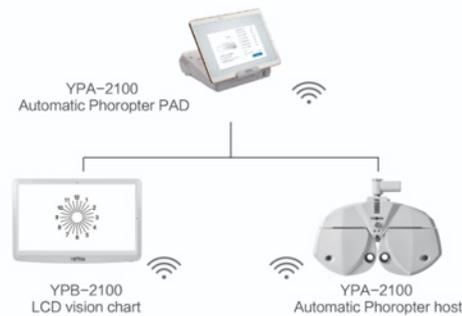
Android Tablet Based Control

APP mode can be easily upgraded. 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.



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.



Dual XC lens

Dual XC lens design, avoiding repeated switching 1/2 dial, astigmatism prescription is more convenient.



Customized Process

The software provides American 21-step optometry procedures, the ability to set up to 6 customized refraction sequences to help standardize your process or help in situations where parts of the refraction are being delegated.

Smart Software

YPA-2100 can conduct visual function test and preliminary diagnosis, supporting patient history data query and storage. Built-in graphical help function helps to reduce the studying difficulty for optometrist.



Data Transfer

YPA-2100 supports data communication with YEASN products and PC.



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.



Simplicity,
Imbued with precision.

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

