

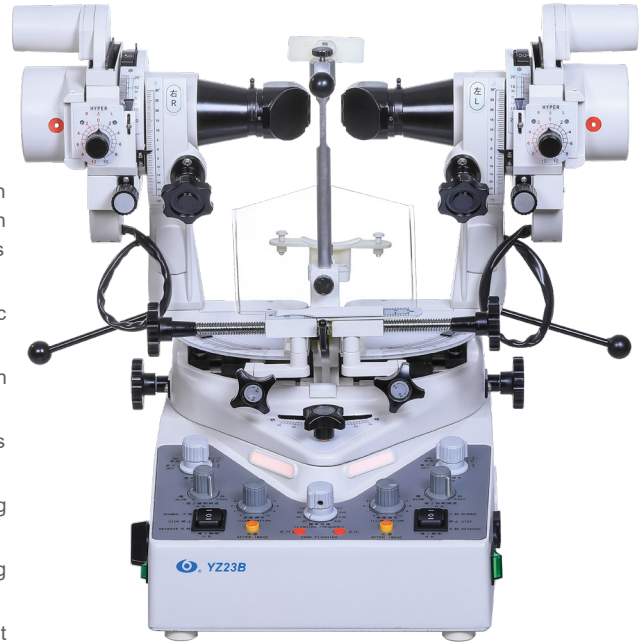
OTHER DIAGNOSTIC INSTRUMENTS

YZ23B

Synoptophore

YZ23B Synoptophore is an ophthalmic instrument designed with optical, mechanical and electrical technology, which can be applied in inspecting and treating various binocular functions, such as strabismus, amblyopia, diplopia, heterophoria, etc.

- With functions of diagnosis, treatment, simultaneous viewing, syncretic viewing, solid viewing, and afterimage.
- Equipped with a pair of Haidingers Brush and 20 pairs of pictures with different angle.
- Advanced semi-transparent and semi-reflecting viewfinder is convenient for the surgeon to observe.
- Advanced LED luminophor has even illumination, low heat and long service life.
- Pictures designed by new technology are anti-broken and has long service life.
- Manual or automatic coruscation with accurate frequency are at surgeon's option.
- Optional pictures for quantitative measuring of solid acutance (40" ~ 1000")



Specifications

Magnification	1.65×
Diameter of Field	≥56mm
Red light	$\lambda = 640\text{nm}$ coruscation system
Left and right tubes rotate around erect axis	converging 50°, diverging 40°
Left and right tubes rotatable angle around horizontal axis	±30°
Pictures of left and right can be moved up and down according optical axis	±10 Δ
Pictures of left and right rotate around optical axis	±20°
Adjustable range of interpupillary distance	45mm ~ 75mm
Darkroom illumination	LED bulb with symmetry design
Adjustable Haidingers Brush	50 - 100 round/minute
Coruscation from	manual or automatic
Automatic coruscation frequency	ten-step, 30 - 300 times/minute
Range of automatic coruscation (each cycle)	1/4on 3/4off, 1/2on 1/2off, 3/4on 1/4off
Power Supply	AC110V/220V±10%, 50Hz/60Hz
Power Consumption	40VA
Type of automatic coruscation	The left and right can be turned on or off at the same time. The left and right can be turned on or off alternatively. One on and the other off. One on or off while the other can be turned on or off.