



ESSE 3 Via Garibaldi 30
14022Castelnuovo D.B. (AT)
tel +39 011 99 27 706
fax +39 011 99 27 506
e-mail esse3@chierinet.it
web : www.4ci.com



YZ23B

Synoptophore

YZ23B Synoptophore is a diagnostic and remedial equipment combined with optical, mechanical and electrical parts. It can be used to diagnose and treat binocular functions, such as strabismus, amblyopia, diplopia, heterophoria, etc.

Characteristics

- Combined with functions of diagnosis, treatment, simultaneous viewing, syncretic viewing, solid viewing, and afterimage.
- Equipped with a pair of Haidingers Brush, 20 pairs of pictures with different angle.
- Advanced semi-transparent and semi-reflecting viewfinder is convenient for the oculists to observe.
- Advanced LED luminophor with even light, low thermal and long span.
- The pictures adopt new design and are anti-broken, long span.
- Manual or automatic coruscation at doctor's option and accurate frequency.



Specifications

Magnification	1.65×
Diameter of Visual Field	≥56mm
Red light wavelength	$\lambda = 640\text{nm}$
Left and right tubes around erect axis	Concourse 50° , radiation 40°
Left and right tubes around horizontal axis	$\pm 30^\circ$
Pictures of left and right can be moved up and down according axis	$\pm 10^\Delta$
Pictures of left and right can be moved up and down around optical axis	$\pm 20^\circ$
Adjustable range of pupil distance	45~75mm
Darkroom illumination	LED luminophor with symmetry design
Adjustable Haidingers Brush	50-100round/minute.
Coruscation form	manual or automatical
Automatical coruscation frequency	ten-step, 30-300times/minute.
Range of automatic cotuscation(each cycle)	1/4on 3/4 off, 1/2, on 1/2 off, 3/4 on 1/4 off.
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.
Whole Packing Volume	0.425 m ³
Carton Number	2
Total weight	61kg



Semitransparent viewfinder



LED Illuminator
Symmetrical brightness, low heat



Match with function of binocular coincident, busion and stereoscopic vision, K angle, back image, training, crossed Picture

YZ7A Tonometer

The design theory is to use pointer to press cornea and then indirectly get the intraocular pressure. Each division on the scale corresponds to 1/20mm corneal depth.

► Characteristics

- Schiotz type
- All the parts contacting corner are stainless steel which is anti-acid and does no harm to issues.
- The instrument is safe, reliable, applicable and convenient.



YZ30 Applanation tonometer

The instrument is designed on the basis of Goldman tonometer..Both T type and R type are available.

- When used with Slit Lamp, it can be used to examine the eyes and measure the ocular pressure.
- Accurate measurement and total tolerance is less than 0.066Kpa(0.55Hg)
- Directly get the ocular pressure.
- The measured ocular pressure is not affected by hardness of eye.
- The affected ocular volume is just 0.56 cubic millimeter.
- Adjustable measuring ensures the long-term stability and reliability.

