

Parallel Optical Zoom Stereo Microscope with 8x to 50x



iStereo-120

Main data:

- Total magnification 8X~50X (standard outfits), extend total magnification:300X
- Parallel optics system, 0.8X~5X zoom body, 1X plane objective none aberrance, working distance 105mm
- With wide field, high eye point and none aberrance 10X eyepieces (Φ23mm) Binocular/ Trinocular eye tubes inclined 45°
- The range of adjusting the diaper is ± 6°
- Interpupillary distance adjustment range 52mm~76mm
- The range of adjusting the focus is 100mm (round post is 50mm), the diameter of the center working stage is Φ95mm
- The measurement to match between the support and the main body is Φ76mm
- The distance between from the post center to the main body center is 140mm
- The size of the round post is Φ25mm
- There are many magnification objectives, eyepieces, auxiliary illuminators
- etc. attachments and kinds of stands and universal stands to be selected

Features:

- ◆ iStereo-120(binocular) and iStereo-120T(trinocular)
- ◆ Parallel optical system, zoom body magnification range: 0.8X~5X

- ◆ Orthoscopic image, large depth of field, long working distance, available to attach various accessories
- ◆ Widely used in science research, modern biology, medicine, environment, farming, police, micro-electronics, semiconductors and etc which require high precision

Optical Specifications:

Eyepiece	Item	Specification of different auxiliary objective			
		0.5X	0.7X	1X	1.5X (Auxiliary)
10X (Std.)	Total Mag.	4X~25X	5.6X~35X	8X~50X	12X~75X
	FOV (mm)	Φ55~Φ8.8	Φ39.3~Φ6.3	Φ27.5~Φ4.4	Φ18.33~Φ2.93
15X	Total Mag.	6X~37.5X	8.4X~52.5X	12X~75X	18X~112.5X
	FOV (mm)	Φ42.5~Φ6.8	Φ30.36~Φ4.86	Φ21.25~Φ3.4	Φ14.17~Φ2.27
20X	Total Mag.	8X~50X	11.2X~70X	16X~100X	24X~150X
	FOV (mm)	Φ35~Φ5.6	Φ25~Φ4	Φ17.5~Φ2.8	Φ11.67~Φ1.87
30X	Total Mag.	12X~75X	16.8X~105X	24X~150X	36X~225X
	FOV (mm)	Φ22.5~Φ3.6	Φ16.1~Φ2.57	Φ11.25~Φ1.8	Φ7.5~Φ1.2
WD (mm)		186	135	91	40

Notes:

1. Please use 1X plane objective together when using 1.5X auxiliary objective.
2. When 0.5X or lower magnification auxiliary objective applied, track stands can not be used.