

Stereo Microscope with Magnification 8X - 70X



Main data:

- Total magnification(standard outfits): 8X~70X, Extend total magnification:420X
- Zoom objective magnification: 0.8X~7.0X, The working distance is 108mm.
- With wide field and high eye point eyepiece SWH10X(Φ 23mm)
- Trinocular/Bino cular inclined 35° and main body can be rotated 360°
- The range of adjusting the diopter is ± 6
- Interpupillary distance adjustment range 52mm~76mm
- The range of adjusting the focus is 50mm(the square post is 100mm).
- The diameter of the center working stage is Φ 95mm
- The measurement to match between the support and the main body is Φ 76mm
- The distance between from the post center to the main body center is 140mm
- The size of the round post is Φ 25mm
- Illuminators : The down illuminator is the transmitted illumination of the fluorescent lamp(5W), The up illuminator is the reflected illumination of the halogen lamp(6V、10W).

Features:

◆ Patented technology design

- ◆ Long working distance, large depth of field, large zoom ratio.
- ◆ Trinocular main body can be match CCD (CMOS)camera, digital camera.
- ◆ Various eyepieces, divisional eyepieces and auxiliary objectives to be selected.
- ◆ Available to match stands and universal stands, LED ring illuminator, ring fluorescent lamp, fiber and etc.
- ◆ Widely used in schools, biology engineering and science research, industry assembly for inspection, measurement and quality control.
- ◆ Includes iStereo-115B (binocular) and iStereo-115T (trinocular).

Optical Specifications:

Eyepiece	Item	Main body	Specification of different auxiliary objective				
			0.37X	0.5X	0.7X	1.5X	2X
10X	Total Mag.	8X~70X	2.96X~25.9X	4X~35X	5.6X~49X	12X~105X	16X~140X
	FOV(mm)	Φ 28.75~ Φ 3.3	Φ 74.3~ Φ 8.5	Φ 57.5~ Φ 6.6	Φ 41.1~ Φ 4.7	Φ 19.2~ Φ 2.2	Φ 14.4~ Φ 1.6
15X	Total Mag.	12X~105X	4.44X~38.9X	6X~52.5X	8.4X~73.5X	18X~157.5X	24X~210X
	FOV(mm)	Φ 21.25~ Φ 2.4	Φ 57.4~ Φ 6.6	Φ 42.5~ Φ 4.9	Φ 30.4~ Φ 3.5	Φ 14.2~ Φ 1.6	Φ 10.6~ Φ 1.2
20X	Total Mag.	16X~140X	5.92X~51.8X	8X~70X	11.2X~98X	24X~210X	32X~280X
	FOV(mm)	Φ 17.5~ Φ 2	Φ 47.3~ Φ 5.4	Φ 35~ Φ 4	Φ 25~ Φ 2.9	Φ 11.7~ Φ 1.3	Φ 8.75~ Φ 1
30X	Total Mag.	24X~210X	8.88X~77.7X	12X~105X	16.8X~147X	36X~315X	48X~420X
	FOV(mm)	Φ 11.25~ Φ 1.3	Φ 30.4~ Φ 3.5	Φ 22.5~ Φ 2.6	Φ 16.1~ Φ 1.8	Φ 7.5~ Φ 0.9	Φ 5.625~ Φ 0.6
WD(mm)		108	275	195	145	50	35

NOTES:

1. Please use lengthened round post when using 0.37X objective, track stands cannot be used.
2. When 0.5X or lower magnification objective applied, track stands cannot be used.