

Stereo Microscope with Magnification 7X - 40X



Main data:

- Total magnification 7X~40X (standard outfits), extend total magnification: 240X
Zoom objective magnification 0.7X~4.0X, working distance 110mm
- With high eye point and wide field eyepiece SWH10X(Φ23mm)
- Binocular eyetubes inclined 45° /60° and main body can be rotated 360°
- The range of adjusting the diopter is ±6° (left drawtube)
- 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
- Illuminators : the low illuminator is the transmitted illumination of the fluorescent lamp(5W), the up illuminator is the reflected illumination of the halogen lamp(6V、10W)

Features:

- ◆ Includes iStereo-110 (Inclined 45°) and iStereo-111 (Inclined 60°).
- ◆ Adopted with particular high definition optical system, vertical hand wheel to zoom, large depth of field, excellent parfocal performance.
- ◆ Extensively used for microelectronics, exact manufacture and the other science and technology industry field.

Optical Specifications:

Eyepiece	Item	Main body	Specification of different auxiliary objective				
			0.37X	0.5X	0.7X	1.5X	2X
10X (Std.)	Total Mag.	7X~40X	2.59X~14.8X	3.5X~20X	4.9X~28X	10.5X~60X	14X ~80X
	FOV(mm)	φ32.8~φ5.75	φ88.8~φ15.5	φ65.7~φ11.5	φ46.9~φ8.2	φ21.9~φ3.4	φ16.4~φ2.6
15X	Total Mag.	10.5X~60 X	3.89X~22.2X	5.3X~30X	7.4X~42X	15.8X~90X	21X~120X
	FOV(mm)	φ24.3~φ4.3	φ65.6~φ11.5	φ48.6~φ8.5	φ34.7~φ6.1	φ16.2~φ2.8	φ12.1~φ2.1
20X	Total Mag.	14X~80X	5.18X~29.6X	7X~40X	9.8X~56X	21X~120X	28X~160X
	FOV(mm)	φ20~φ3.5	φ54.1~φ9.5	φ40~φ7	φ28.6~φ5	φ13.3~φ2.3	φ10~φ1.8
30X	Total Mag.	21X~120X	7.77X~44.4X	10.5X~60X	14.7X~84X	31.5X~180X	42X~240X
	FOV(mm)	φ12.9~φ2.3	φ34.7~φ6.1	φ25.7~φ4.5	φ18.4~φ3.2	φ8.6~φ1.5	φ6.4~φ1.1
WD(mm)		110	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.