

## Stereo Microscope with Magnification 10X - 65X



iStereo-113T

### Main data:

- Total magnification 10X~65X(standard outfits), extend total magnification:390X  
Zoom objective magnification 1.0X~6.5X, working distance 118mm
- With high eye point and wide field eyepiece SWH10X(Φ23mm)
- Binocular/ Trinocular eyetubes inclined 45° 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 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-113B (binocular) and iStereo-113T(trinocular).
- ◆ Non-flash in focus course while from high to low magnification
- ◆ Large depth of view, width of visual fields, super long working distance, high cost effective
- ◆ Extensively applied in field of modern biology research, semiconductor and other science and technology industry.

### Optical Specifications:

Eyepiece	Item	Main body	Specification of different auxiliary objective				
			0.37X	0.5X	0.7X	1.5X	2X
10X	Total Mag.	10X~65X	3.7X~24.1X	5X~32.5X	7X~46X	15X~98X	20X~130X
	FOV(mm)	Φ23~Φ3.5	Φ62.2~Φ9.6	Φ46~Φ7	Φ32.9~Φ5	Φ15.3~Φ2.3	Φ11.5~Φ1.8
15X	Total Mag.	15X~97.5X	5.55X~36.1X	7.5X~48.8X	10.5X~69X	22.5X~147X	30X~195X
	FOV(mm)	Φ17~Φ2.6	Φ45.9~Φ7.1	Φ34~Φ5.2	Φ24.3~Φ3.7	Φ11.3~Φ1.7	Φ8.5~Φ1.3
20X	Total Mag.	20X~130X	7.4X~48.1X	10X~65X	14X~92X	30X~196X	40X~260X
	FOV(mm)	Φ14~Φ2.2	Φ37.8~Φ5.8	Φ28~Φ4.2	Φ20~Φ3.1	Φ9.3~Φ1.4	Φ7~Φ1.1
30X	Total Mag.	30X~195X	11.1X~72.2X	15X~97.5X	21X~138X	45X~294X	60X~390X
	FOV(mm)	Φ9~Φ1.4	Φ24.3~Φ3.7	Φ18~Φ2.7	Φ12.9~Φ2	Φ6~Φ0.9	Φ4.5~Φ0.7
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.