



# *iOX 6745*

*With Boom Stand*

STEREO ZOOM MICROSCOPE





**INFINITY**

# *iOX 6745*

*With Boom Stand*

**IOX-6745** Stereo Zoom Microscope is fully coated lead-free optical system with super high resolution. It is characterized by brand-new Greenough optical system for reproducing true color image, image flatness and depth of focus. It meets the high-precision requirements of modern biomedicine, scientific research, online detection of modern electronics industry and other high-tech industries.

## **SPECIFICATION**

Eyepiece	Standard configuration		Auxiliary objective lens 0.5X		Auxiliary objective lens 1.5X		Auxiliary objective lens 2X	
	Magnification	Field of view	Magnification	Field of view	Magnification	Field of view	Magnification	Field of view
10X/22mm	6.7X	32.8	3.4X	65.7	10.1X	21.9	13.4X	16.4
	45.0X	4.9	22.5X	9.8	67.5X	3.3	90.0X	2.4
15X/16mm	10.1X	23.9	5.0X	47.8	15.1X	15.9	20.1X	11.9
	67.5X	3.6	33.8X	7.1	101.3X	2.4	135X	1.8
20X/12mm	13.4X	17.9	6.7X	38.5	20.1X	11.9	26.8X	9.0
	90.0X	2.7	45.0X	5.3	135.0X	1.8	180.0X	1.3
25X/9mm	16.8X	13.4	8.4X	26.9	25.1X	9.0	33.5X	6.7
	112.5X	2.0	56.3X	4.0	168.8X	1.3	225X	1.0
30X/8mm	20.1X	11.9	10.1X	23.8	30.2X	7.9	40.2X	6.0
	135.0X	1.8	67.5X	3.6	202.5X	1.2	270X	0.9
<b>Magnification</b>	Standard configuration: 6.7X-45X with 10X eyepieces and 1X objective. With optional eyepiece and auxiliary objective lens, magnification can be expanded: 3.35X-270X							
<b>Focus bracket</b>	Focus bracket hand wheel can be adjusted with tension adjustable knobs, lifting range 50mm.							
<b>Boom Stand</b>	Universal Ball bearing single arm Boom stand with chromium-plated steel sturdy base plate having dual swivel feature and with anti-shock Feet. 180-degree swivel mechanism in the zoom body for bonder arm independent of horizontal arm and 360-degree swivel mechanism for horizontal arm around vertical column for observing objects in any direction. Base dimension is 255x255x45mm approx. & weight 18.5kg approx. Horizontal length of arm and Bonder arm will be 600mm & vertical column height is 520mm with adjustment range of 260mm horizontally and 320mm vertically. Stand is incorporated with ergonomically shaped knobs & grease free run.							
<b>eyepiece</b>	WF10X/22mm paired eyepieces with high-eyepoint, wide-field; Rubberized contour finished cushioning for comfortable viewing. Convenient for observers wearing glasses also. Specially designed with pupil aberration control and proper eye positioning in order to reduce eye fatigue and comfortable operation of the operator. Optional: WF15/16mm, WF20/12mm, WF25/9mm, WF30/8mm							
<b>observation head</b>	45° inclined , 360 ° rotation, interpupillary distance adjustment range 54-75mm; bilateral dioptic adjustment ±5 hinged binocular(Optional)							
<b>objective lens</b>	Standard configuration: 0.67X-4.5X continuous zoom objective lens, zoom ratio 6.7:1, ensuring parfocality of the image plane							
<b>Auxiliary objective lens</b>	Optional 0.3X, 0.7X, 0.75X, 0.5X, 1.5X, 2X							
<b>illumination</b>	A variety of fluorescent and LED ring lights are optional							
<b>Working Distance</b>	110mm							
<b>Electronics</b>	Universal input of 110-240VAC, Single phase,50/60Hz.							

*i7 Opto Electronics Inc.*

[www.infinityoptic.com](http://www.infinityoptic.com)

[www.infinitymicroscopes.com](http://www.infinitymicroscopes.com)

