Student Biological Microscope IMB-1204(110V/60Hz)



Student Biological Microscope IMB-1204 is ideal for educational applications in elementary and middle schools.

The 0.1W LED Illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, single lens and ABBE Condenser with iris diaphragm and triple revolving nosepiece.

This model of microscopes allow handlers to remain relaxed during long periods of routine microscopy observations. The microscope frame adapts the handler's hands and the location of the control knobs maximizes ergonomics to recover work efficiency. Fast and rapid set a specimen with one hand while adjusting the focus and operating the stage with the other hand with slight movement. The binocular viewing head has excellent 2500X magnification and achromatic 4X, 10X, 40X (185) objective and each eye tube has interpupillary adjustment. Single Lens with Disc/Iris Diaphragm and chromatic condenser ABBE that are concentrates and controls the light that passes through the specimen prior to entering the objective with modern cameras use a type of adjustable diaphragm known as an iris diaphragm which can reduce the amount light that hits a detector by decreasing the aperture and Filter

Technical Specification:

Model	IMB-1204
Type	Biological Microscope
Viewing Head	Binocular head, at 45°, 360° Rotatable, ID 54-77 mm
Eyepiece	WF10X16 mm,WF25X6.5 mm
Nosepiece	Triple
Objective	Achromatic 4X, 10X,40X(185)
Stage	Plain Stage with Slide Clips 95×95 mm
Light Source	0.1W LED Illumination
Condenser	Single Lens NA 0.65 with Disc Diaphragm
Dimensions	280×190×400 mm
Net Weight	3 kg
Electrical Requirement	110V/60Hz
Catalogue No.	440051001

Technical Data:

Model	IMB-1202		IMB-1204	
Type	Biological Microscope			
Magnification	2500X			
Viewing Head	Monocular head, Inclined at 45°, 360° Rotatable		Binocular head, at 45°, 360° Rotatable, ID 54-77 mm	
Focusing	Coaxial Coarse and Fine Adjustment			
Eyepiece	WF10X16 mm,WF25X6.5 mm (optional: WF16X11 mm, WF20X9.5 mm)			
Nosepiece	Triple			
Objective	Achromatic 4X, 10X,40X(185)(optional:60X(185) , 100X(185))			
Stage	Plain Stage with Slide Clips 95×95 mm(optional: Plain Stage with Mechanical ruler 95×95 mm/60×30 mm)			
Light Source	0.1W LED Illumination			
Condensers	Single Lens NA 0.65 with Disc Diaphragm			
Certification				
Packing Dimension	280×190×400 mm			
Packing Weight	3 kg			
Electrical Requirement	AC100 V power adapter,DC5V, AA batteries	220V power adapter,DC5V, AA batteries	AC100 V power adapter,DC5V, AA batteries	220V power adapter,DC5V, AA batteries
Catalogue No.	440050501	440050502	440051001	440051002



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