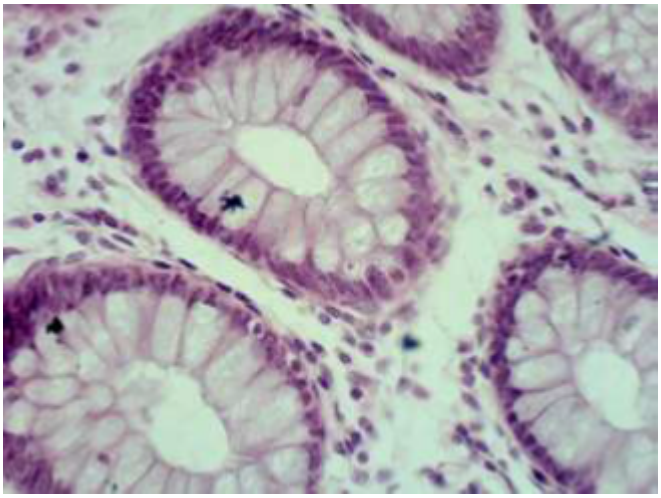
Educational Biological Microscope IMB(1303/220V)

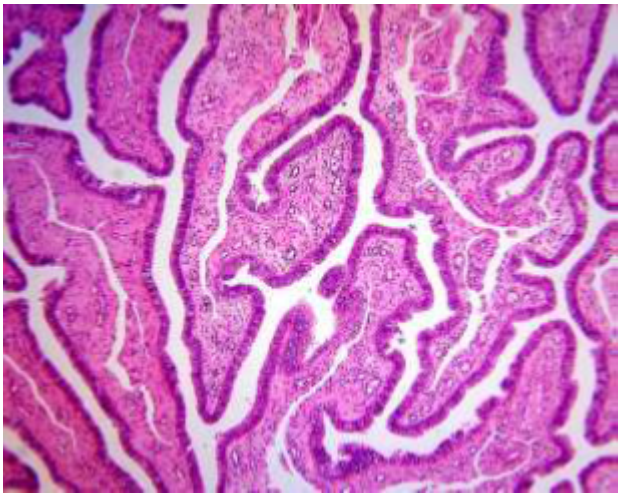


Educational Biological Microscope IMB-1303 is economical microscope with all basic features for educational use in elementary and middle schools.

The 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, quadruple 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 monocular and sliding binocular viewing head has excellent achromatic 4X, 10X, 40X(S) objectives and each eye tube has interpupillary adjustment. Features with triple and quadruple revolving nosepiece holds multiple lenses, and foundbetween the eyepiece and the stage allowing the user to turn it to achieve various levels of magnification. Though the exact level of magnification may vary with different models, most microscopes provide a low power lens with about 5X magnification and a high power lens with about 100X magnification. Featured with Single Lens and chromatic condenser Abbe NA 1.2 with Iris Diaphragm and Pinion adjustment for condenser that areconcentrates 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.

Sample Images





Technical Specification:

Model	IMB-1303
Type	Educational Biological Microscope
Viewing Head	Monocular, Inclined at 45°, 360° Rotatable
Nosepiece	Triple
Objective	Achromatic Objective 4X, 10X, 40X(S)
Stage	Plain Stage with Slide Clips 110×120 mm
Light Source	1W LED Illumination
Condenser	Single Lens NA 0.65 with Iris Diaphragm
Filter	Blue Filter
Dimensions	280×200×400 mm
Net Weight	4kg
Electrical Requirement	220V
Catalogue No.	440100502

Technical Data:

Model	IMB-1303		IMB-1306		IMB-1309		IMB-1312	
Type								
Magnification								
Viewing Head	Monocular, Inclined at 45°, 360° Rotatable						Sliding Binocular Head, Inclined at 45°, 360° Rotatable, 55-75mm	
Focusing	Coaxial Coarse and Fine Adjustment, Moving Range 10mm							
Eyepiece								
Nosepiece	Triple						Quadruple	
Objective	Achromatic Objective 4X, 10X, 40X(S)(optional: 20X, 60X)						Achromatic Objective 4X, 10X, 40X(S), 100X(optional: 20X, 60X)	
Stage	Plain Stage with Slide Clips 110×120 mm		Plain Stage Mechanical ruler 110×120 mm/ 60×30 mm		Double Layers Mechanical Stage 110×120 mm/ 70×20 mm			
Light Source	1W LED Illumination							
Condensers	Single Lens NA 0.65 with Iris Diaphragm		Single Lens NA 0.65 with Iris Diaphragm Spiral Adjustment		Abbe NA 1.2 with Iris Diaphragm Rack and Pinion Adjustment for Condenser			
Mirror	yes							
Filter	-		Blue Filter					
Certification								
Quantity								
Packing Dimension	280×200×400 mm							
Packing Weight	4kg							
Electrical Requirement	AC100V power adapter, 5V	220V power adapter, 5V	AC100V power adapter, 5V	220V power adapter, 5V	AC100V power adapter, 5V	220V power adapter, 5V	AC100V power adapter, 5V	220V power adapter, 5V
Catalogue No.	440100501	440100502	440101001	440101002	440101501	440101502	440102001	440102002



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States