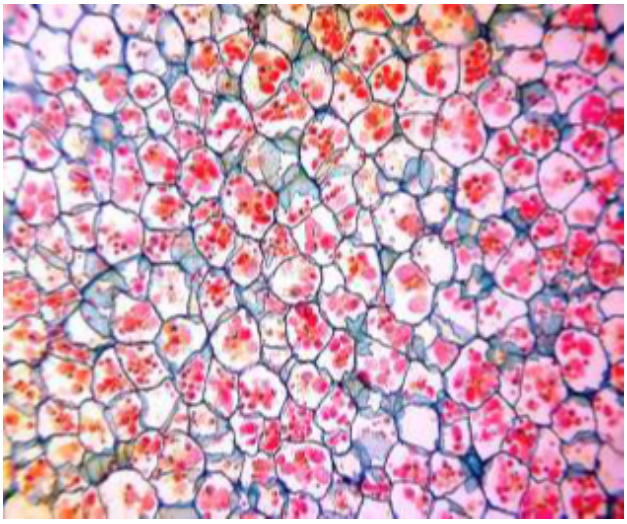
Digital Biological Microscope IMB-1404

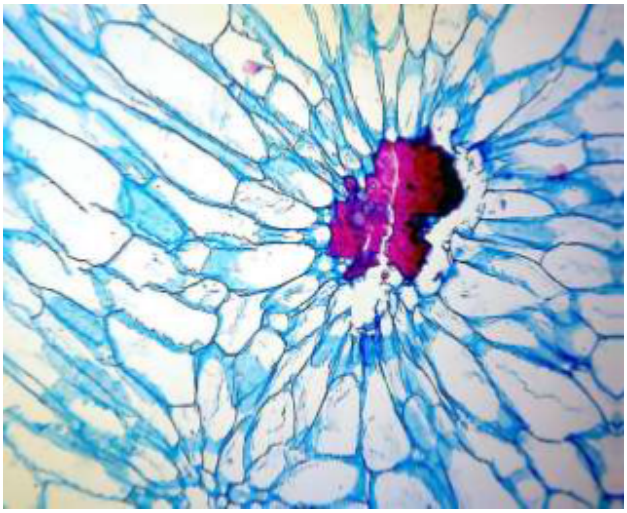


Digital Biological Microscope IMB-1404 is a digital microscope, ideal for educational applications in elementary and middle schools. Laboratory, clinical environments. Built-in and adding a camera to an existing microscope will create a digital microscope with resolution: 1280×1024(1.3MP); USB2.0 cameras requiring PC Scope Image 9.0 software to see the live image and windows 2000/XP/VISTA/Win 7/8/10. 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 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 revolving nosepiece. The monocular and sliding binocular viewing head has excellent achromatic 4X, 10X, 40X(S), 100X(S, Oil) objective. Features with revolving nosepiece holds multiple lenses, and found between 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 chromatic condenser Abbe NA 1.25 Condenser with Iris Diaphragm and Pinion adjustment for condenser 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.

Sample Images





Technical Specification:

Model	IMB-1404
Type	Digital Microscope
Viewing Head	Monocular head, Inclined at 45º, 360º Rotatable
Eyepiece	WF10×/18 mm
Objective	Achromatic : 4X, 10X, 40X(S), 100X(S, Oil)
Stage	Double Layers Mechanical Stage: 110×120 mm, Moving Range X-Y: 70×20 mm
Light Source	1W LED illumination
Condenser	Abbe NA 1.25 Condenser with Iris Diaphragm (2 to 28 mm)
Standard Accessories	Dust cover, AC adapter and USB cable
Optional Accessories	Eyepiece: WF5×/20 mm, WF16×/11 mm, WF25×/8 mm, Acromatic objective: 20X, 60X
Shipping Dimensions	280×220x400 mm
Shipping Weight	5 kg
Electrical Requirement	AC adapter
Catalogue No.	4401505-04

Technical Data:

Model	IMB-1404	IMB-1408
Type	Digital Microscope	
Magnification		
Viewing Head	Monocular head, Inclined at 45º, 360º Rotatable	Binocular head, Inclined at 45º, 360º Rotatable, 55-75mm
Camera System	Resolution: 1280×1024(1.3MP);USB2.0, Windows 2000/XP/VISTA/Win 7/8/10, Image 9.0 software	
Focusing	Coaxial Coarse and Fine Adjustment, Moving Range 10 mm	
Eyepiece	WF10×/18 mm(optional: WF5×/20 mm, WF16×/11 mm, WF25×/8 mm)	
Nosepiece	-	
Objective	Achromatic : 4X, 10X, 40X(S), 100X(S, Oil) (optional: 20X, 60X)	
Stage	Double Layers Mechanical Stage: 110×120 mm, Moving Range X-Y: 70×20 mm	
Light Source	1W LED illumination	
Condenser	Abbe NA 1.25 Condenser with Iris Diaphragm (2 to 28 mm)	
Mirror		
Filter		
Accessories	dust cover, AC adapter and USB cable	
Certification		
Quantity		
Packing Dimension	280×220x400 mm	
Packing Weight	5 kg	
Electrical Requirement	AC adapter	
Catalogue No.	4401505-04	4401510-04



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