

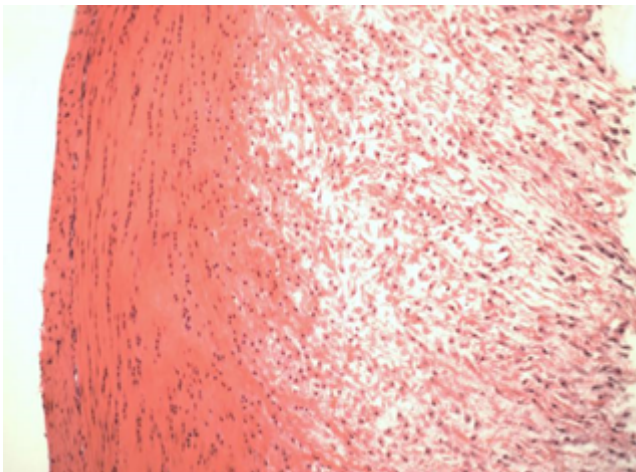
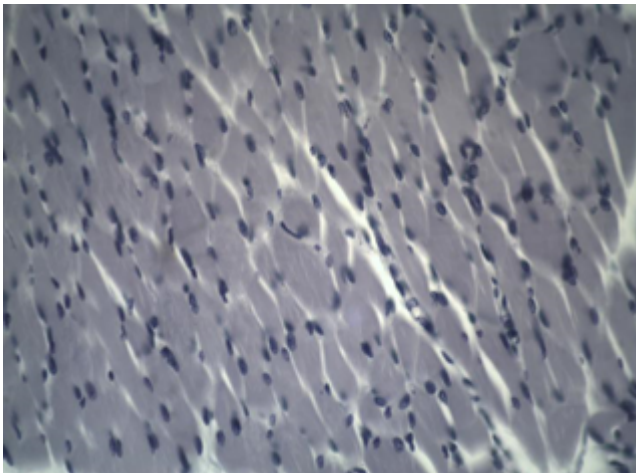
Laboratory Microscope IMB-3227



Laboratory Microscope IMB-3227 is ideal for biological, histological, pathological field and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities. Support multi languages.

The 1W S-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 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, sliding binocular, trinocular viewing head has excellent achromatic. 44x, 10x, 40x, 100x (optional: 20x, 60x, Semi-Plan Achromatic 4x, 10x, 20x, 40x, 60x, 100x, Plan Achromatic 4x, 10x, 20x, 40x, 60x, 100x) objective and each eye tube has interpupillary adjustment. Features with quadruple 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 Single Lens and chromatic condenser Abbe with Iris Diaphragm that 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-3218
Type	Biological Microscope
Viewing Head	Sliding Binocular Head at 45°, 360° Rotatable; Interpupillary distance 55-75mm(optional: Interpupillary 48-75mm)
Focusing	axial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 28mm
Eyepiece	WF10X18 mm(optional:WF16X 11 mm)
Nosepiece	Quadruple Resolving(optional: Quintuple)
Objective	Achromatic 4X, 10X, 40X, 100X(optional:20X, 60X, Semi-Plan Achromatic 4X, 10X, 20X, 40X, 60X, 100X, Plan Achromatic 4X, 10X, 20X, 40X, 60X, 100X)
Stage	Double Layer Mechanical Stage 140×140mm/ 75×50 mm(optional: Left hand operation Double Layer Mechanical Stage)
Light Source	1W S-LED(optional:/20W Halogen light)
Condenser	Abbe NA 1.25 with Iris Diaphragm
Mirror	Plan-concave Mirror
Filter	Yes
Optional Accessories	Dust cover, immersion oil, Polarization Set, Phase Contrast Kit, Dark Field Attachment, Fluorescent Attachment
Shipping Dimensions	330×280×440 mm
Shipping Weight	7 kg
Electrical Requirement	Rechargeable battery (only for LED illumination)
Catalogue No.	4405010-04

Technical Data:

Model	IMB-3209	IMB-3218	IMB-3227	IMB-3236
Type	Biological Microscope			
Viewing Head	Monocular Head at 45°, 360° Rotatable	Sliding Binocular Head at 45°, 360°; In d: 55-75mm(optional: Id: 48-75mm)	Sliding Trinocular Head, at 45 ° and 360 ° Rotatable, Id:55-75mm	Sliding Binocular Head with 1.3MP digital camera, at 45°, 360° Id:55-75mm.
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 28mm			
Eyepiece	WF10X18 mm(optional:WF16X 11 mm)			
Nosepiece	Quadruple Resolving(optional: Quintuple)			
Objective	Achromatic 4X, 10X, 40X, 100X(optional:20X, 60X, Semi-Plan Achromatic 4X, 10X, 20X, 40X, 60X, 100X, Plan Achromatic 4X, 10X, 20X, 40X, 60X, 100X)			
Stage	Double Layer Mechanical Stage 140×140mm/ 75×50 mm(optional: Left hand operation Double Layer Mechanical Stage)			
Light Source	1W S-LED(optional:/20W Halogen light)			
Condensers	Abbe NA 1.25 with Iris Diaphragm			
Mirror	Plan-concave Mirror			
Filter	Yes			
Optional Accessories	Dust cover, immersion oil, Polarization Set, Phase Contrast Kit, Dark Field Attachment, Fluorescent Attachment			
Packing Dimension	330×280×440 mm			
Packing Weight	7 kg			
Electrical Requirement	Rechargeable battery (only for LED illumination)			
Catalogue No.	4405005-04	4405010-04	4405015-04	4405020-04



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