



MICROSCOPES



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Multi-head Biological Microscope IMB-2000 Series is a multi-viewing microscope with anti-mold technology. Accomplished front to back multi Bridge allowing more than two people to view through the microscope simultaneously. We allow a user to choose between binocular, Trinocular, anti-mold viewing heads. The extra wide field 10X is absorbed and delivers a 22 mm field of view which allows you to view more of your specimen. The quadruple and quintuple nosepiece designed with achromatic and infinite plan achromatic objective. Newly designed, modular stand especially for medical teaching and biological teaching, biological analysis, medical and sanitary establishments, laboratories, institutes, colleges, and universities.

Multi-head Biological Microscope IMB-2200 Series

Multi-head Biological Microscope IMB-2200 Series is cost-effective and laboratory-grade performance, choose quintuple nosepiece infinite plan achromatic objective Multi-head Biological Microscope. The extra wide field 10X is absorbed and delivers a 22 mm field of view which allows you to view more of your specimen. With the features of an infinite optical system, effective high brightness illumination, LED pointer and images coherence for medical teaching and biological teaching, biological analysis, medical and sanitary establishments, laboratories, institutes, colleges, and universities. 24V/ 100W Halogen Lamp Koehler Illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, and Swing Condenser N.A.0.9/ 0.25. This series of microscopes allow handlers to remain relaxed during long periods of routine microscopy observations. Features with a backward quintuple revolving nosepiece hold 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 Swing Condenser N.A.0.9/ 0.25 with Iris Diaphragm 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.



- Multi viewing head
- Infinite Plan Achromatic Objective with high-quality images
- Coaxial Coarse and fine adjustment, fine division of length 0.001mm, coarse stroke 37.7mm/rotation, fine stroke 0.1mm/rotation, moving range 24 mm
- Offer stages that are designed to move small sample slides or entire microscopes including Double layer mechanical stage of length 185×142 mm, moving range 75×55 mm
- Featured with Mirror and halogen lamp Illuminator light source
- Excellent wide field technology
- Sliding trinocular 30° inclined and a 360° rotatable head with interpupillary distance 48 to 75 mm,
- Designed with small footprint and lightweight
- Easy operating with ergonomic design
- Excellent image quality with an infinite optical system
- Multihead attachment with a joystick to move a green LED and dual-color LED pointer across the entire field of view
- LED Kohler Illumination as an optional accessories

Technical Specifications

Model	IMB-2210	IMB-2220	IMB-2230	IMB-2240
Type	Multi-head Biological Microscope			
Viewing Head	Trinocular Head, at 30°, 360° Rotatable, ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° Rotatable, ID 48-75 mm-1 PC	Trinocular Head, at 30°, 360° Rotatable, ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° Rotatable, ID 48-75 mm-1 PC	Trinocular Head, at 30°, 360° Rotatable, ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° Rotatable, ID 48-75 mm-2 PCS	Trinocular Head, at 30°, 360° Rotatable, ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° Rotatable, ID 48-75 mm-4 PCS
Optical System	Infinite			
Focusing	Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.1mm/Rotation, Moving Range 24mm			
Eyepiece	Extra Wide Field Eyepiece EW10X20 mm- 4 PCS		Extra Wide Field Eyepiece EW10X20 mm- 6 PCS	Extra Wide Field Eyepiece EW10X20 mm- 10 PCS
Nosepiece	Backward Quintuple			
Objective	Infinite Plan Achromatic Objective 4X, 10X, 40X, 100X(OPTIONAL:20X, 60X)			
Stage	Double Layers Mechanical Stage 185×142mm, Moving Range 75×55mm			
Light Source	Halogen Lamp 24V/ 100W Koehler Illumination(optional: 5W LED)			
Condenser	Swing Condenser N.A.0.9/ 0.25			
Optional Accessories	Green LED and Dual Color LED Pointer, Photo Adapter, Video Adapter			
Electrical Requirement				
Catalogue No.	4403005-04	4403010-04	4403015-04	4403020-04

Multi-head Biological Microscope IMB-2100 Series

Multi-head Biological Microscope IMB-2100 Series is cost-effective and laboratory-grade performance, choose quadruple nosepiece achromatic objective Multi-head Biological Microscope. The wide field 10X is absorbed and delivers an 18 mm field of view which allows you to view more of your specimen. Newly designed, modular stand especially for medical teaching and biological teaching, biological analysis, medical and sanitary establishments, laboratories, institutes, colleges, and universities. 1W S-LED Illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, and Abbe Condenser NA1.25. This series of microscopes allow handlers to remain relaxed during long periods of routine microscopy observations. Features with a backward quadruple revolving nosepiece hold 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 Condenser NA1.25 with Iris Diaphragm 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.



- Multi viewing head
- Achromatic objective to correct for color and has a flat field across the central 65% of the image and usually comes with a pair of lenses
- Semi- Plan Achromatic also known semi-planar, sometimes called micro-plan objectives have an 80% flat field. They can either be two lens element achromats or three or more element apochromats
- Plan Achromatic also known planar objective corrects better for color and spherical aberration than either the semi-plan or the achromatic objective. Plan objectives have a flat field about the center 95% of the image with larger working distances
- Coaxial Coarse and fine adjustment, fine division of length 0.002 mm, the coarse stroke of length 37.7mm/rotation, a fine stroke of length 0.2 mm/rotation, moving range of length 20 mm
- Offer stages that are designed to move small sample slides or entire microscopes including Double layer mechanical stage of length 140x140 mm/ 75x50 mm
- Mirror and 1W S-LED Illuminator light source
- Excellent wide field technology
- Sliding binocular 45° inclined and a 360° rotatable head with interpupillary distance 55 to 75 mm,
- Small footprint and lightweight
- Easy operating with ergonomic design
- Multihead attachment with a joystick to move a green LED pointer across the entire field of view
- 6V/ 20W Kohler Illumination Halogen lamp as an optional accessories

Technical Specifications

Model	IMB-2110	IMB-2120	IMB-2130
Type	Multi-head Biological Microscope		
Viewing Head	Sliding Binocular, at 45°, ID: 55-75 mm, Anti-mould - 2PCS	Sliding Binocular, at 45°, ID: 55-75 mm, Anti-mould - 1PC, Monocular Head, at 45°, Anti-mould - 2PCS	Sliding Binocular, at 45°, ID: 55-75 mm, Anti-mould - 5PCS
Focusing	Coaxial Coarse and Fine Focus Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.2mm/Rotation, Moving Range 28mm		
Eyepiece	Wide Field Eyepiece WF10X18 mm- 4 PCS(optional: WF16X11mm)	Wide Field Eyepiece WF10X18 mm- 4 PCS(optional: WF16X11mm)	Wide Field Eyepiece WF10X18 mm- 10 PCS(optional: WF16X11mm)
Nosepiece	Quadruple		
Objective	Achromatic 4X, 10X, 40X, 100X(optional:20X, 60X, Semi- Plan Achromatic Objective 4X, 10X, 20X, 40X, 60X, 100X, Plan Achromatic Objective 4X, 10X, 20X, 40X, 60X, 100X)		
Stage	Double Layers Mechanical Stage 140x140 mm/ 75x50 mm		
Light Source	1W S-LED (optional- Halogen Lamp 6V/ 20W)		1W S-LED (optional- Halogen Lamp 24V/ 100W)
Condenser	Abbe Condenser NA1.25		
Accessories	Green LED Pointer, Brightness Adjustable		
Packing Dimension			
Packing Weight			
Electrical Requirement			
Catalogue No.	4402505-04	4402510-04	4402515-04

