IRIS ANALYTICAL



MICROSCOPES

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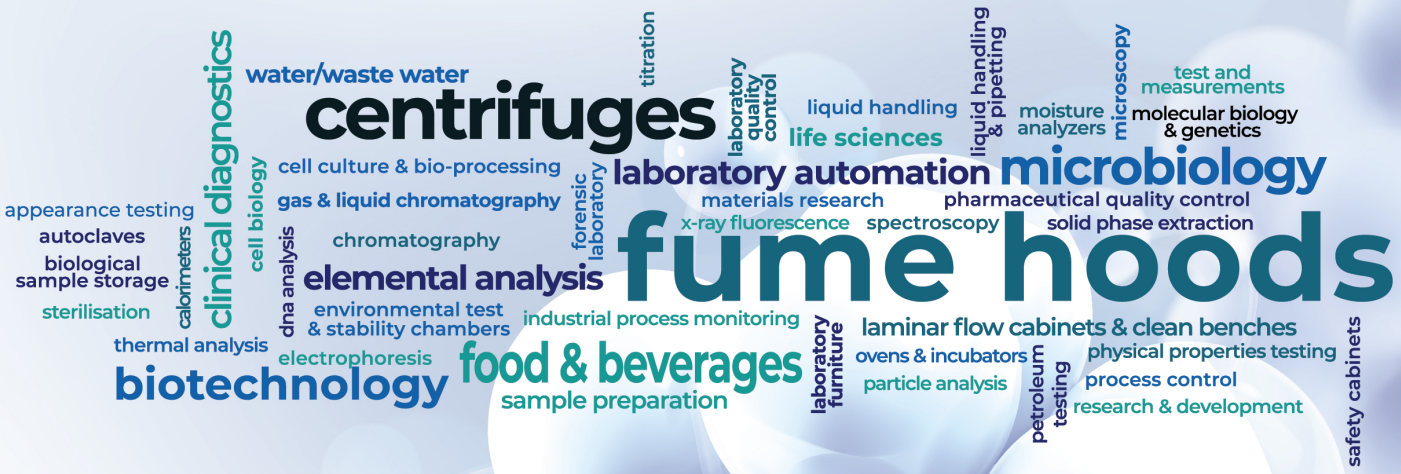
Multi-head Biological Microscope IMB-2100 Series is cost-effective and laboratory-grade performance, choose quadruple nosepiece achromatic objective Multi-head Biological Microscope. The wild field 10X is absorbed and delivers an 18 mm field of view which allows you to view more of your specimen. Newly 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 0.00 2 mm, the coarse stroke of length 37.7/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 140×140 mm/ 75×50 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 140×140 mm/ 75×50 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

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