

BIOLOGICAL MICROSCOPE IMB-1500 SERIES



Biological Microscope IMB-1500 Series is ideal for education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department. 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 backward quadruple revolving nosepiece. This series 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, binocular, trinocular viewing head has excellent achromatic 4X, 10X, 40X (oil) objective and each eye tube has interpupillary adjustment. Features with backward 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 chromatic condenser Abbe NA 1.20 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.

Features

- ◆ 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
- ◆ Coaxial coarse and fine adjustment, fine division of length 0.004 mm, coarse stroke of length 37.7 mm/rotation, fine stroke of length 0.4 mm/rotation, moving range of length 24 mm
- ◆ Offer stages that are designed to move small sample slides or entire microscopes including Double layer mechanical stage of length 132×142 mm/ 75×40 mm
- ◆ Mirror and 1W S-LED Illuminator light source
- ◆ Excellent wide field technology
- ◆ Monocular 45° inclined and a 360° rotatable head, binocular 45° inclined and a 360° rotatable head with interpupillary distance 48 to 75 mm and trinocular 45° inclined and a 360° rotatable head with interpupillary distance 55 to 75 mm
- ◆ 6V/ 20 W Halogen lamp as an optional accessories
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Accessories to realize Phase Contrast Kit, Dark Field Attachment, Polarization Attachment, Rechargeable battery and USB cable

Technical Specifications

Model	IMB-1505	IMB-1510	IMB-1515
Type	Biological Microscope		
Magnification			
Viewing Head	Monocular Head, at 30°, 360° Rotatable	Binocular Head, I at 30°, 360° Rotatable, Interpupillary Distance 48-75 mm	Trinocular Head, at 30°, 360° Rotatable, Interpupillary Distance 55-75 mm
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.004mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.4mm per Rotation, Moving Range 24mm		
Eyepiece	WF10×/18 mm(optional: WF16×/11 mm, WF25×/8 mm)		
Nosepiece	Backward Quadruple		
Objective	Achromatic 4X, 10X, 40X, 100X(Oil)(optional: 20X, 60X)		
Stage	Double Layer Mechanical Stage 132×142mm/ 75×40 mm		
Light Source	1W S-LED (optional: Halogen Lamp 6V/ 20 W)		
Condensers	Abbe NA 1.20 with Iris Diaphragm		
Filter	Yes		
Optional Accessories	Phase Contrast Kit, Dark Field Attachment, Polarization Attachment, Rechargeable battery		
Packing Dimension	3950x2650x500 mm		
Packing Weight	7 kg		
Catalogue No.	4402005-04	4402010-04	4402015-04

Sample Image

