

LABORATORY MICROSCOPE IMB-3300 SERIES



Laboratory Microscope IMB-3300 Series is ideal for biology field, bacteriology field, immunology field, pharmacology field and so on. They widely used in academic, medical and clinical areas for biological, pathological, bacterial, histological, immune and genetic applications. 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 binocular, trinocular viewing head has Semi-plan Achromatic Objective 4×, 10×, 40×, 100×(optional: Plan Achromatic Objective 4×, 10×, 20×, 40×, 60×, 100×, Infinite Plan Achromatic Objective 4×, 10×, 20×, 40×, 60×, 100×)objective and each eye tube has interpupillary adjustment. Designed with blue and green filters. 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 and chromatic condenser Abbe NA 1.25 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.

Features

- ◆ Infinite plan objective for high quality images
- ◆ 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, fine adjustment, fine division of length 0.002 mm, coarse stroke of length 37.7 mm /rotation, 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 Layers Mechanical Stage 140×140mm/ 75×50 mm
- ◆ Mirror and 1W S-LED Illuminator light source
- ◆ Different filters including Blue and Green Filter
- ◆ Excellent wide field technology
- ◆ Monocular 30° inclined and a 360° rotatable head with interpupillary distance 55 to 75 mm and binocular 30° inclined and a 360° rotatable head interpupillary distance 55 to 75 mm
- ◆ Small foot print and light weight
- ◆ Easy operating with ergonomic design
- ◆ Equipped with many optional accessories to realize Polarization Set, Phase Contrast Kit, dark Field Attachment, Fluorescent Attachment

Accessories



Epi-fluorescent Attachment



**Turret Phase Contrast
Kit Dry**



Oil Dark Field Cond

Technical Specifications

Model	IMB-3330	IMB-3360
Type	Biological Microscope	
Viewing Head	Binocular Head, Inclined at 30°, 360° Rotatable, interpupillary distance 55-75mm	Trinocular Head, Inclined at 30°, 360° Rotatable, interpupillary distance 55-75mm
Focusing	Coaxial Coarse, Fine Adjustment, Fine Division 0.002 mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	
Eyepiece	EW10X20 mm(optional:P16X 11 mm)	
Nosepiece	Backward Quadruple (optional: Backward Quintuple)	
Objective	Semi-plan Achromatic Objective 4X, 10X, 40X, 100X(optional: Plan Achromatic Objective 4X, 10X, 20X, 40X, 60X, 100X, Infinite 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 Illumination(optional:6V/ 20W Halogen Lamp, Kohler Illumination)	
Condensor	NA 1.25 Abbe Condenser with Iris Diaphragm and Filter	
Filter	Blue and Green Filter	
Optional Accessories	Polarization Set, Phase Contrast Kit, dark Field Attachment, Fluorescent Attachment	
Packing Dimension	350x310x570 mm	
Packing Weight	9.5 kg	
Catalogue No.	4405505-04	4405510-04

Sample Image

