

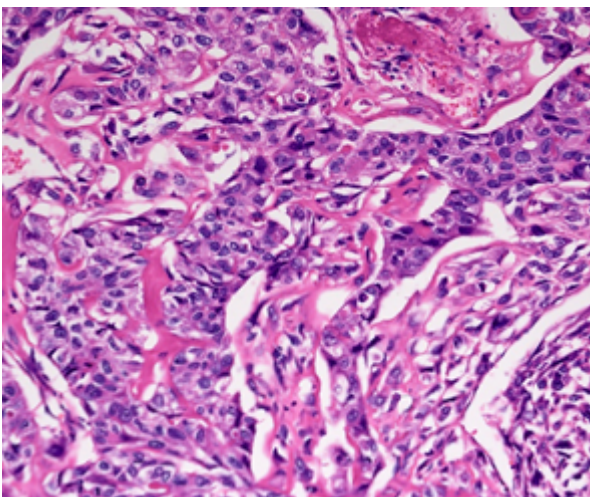
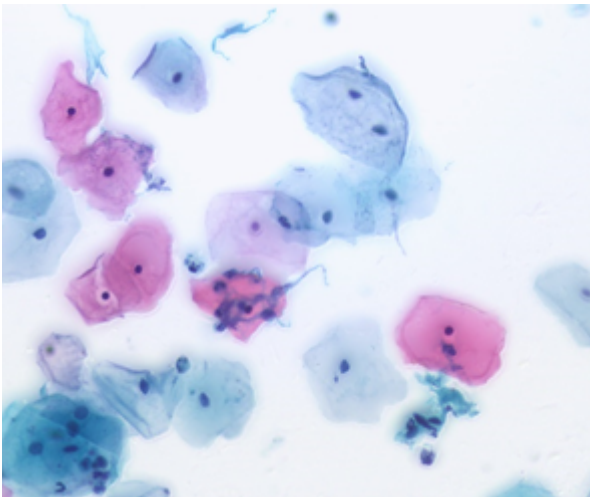
Research Microscope IMB-4480



Research Microscope IMB-4480 is ideal for biological, pathological, histological, bacterial, immune, pharmacological and genetic fields. They can be widely used in medical and sanitary establishments, such as hospitals, clinics, laboratories, medical academies, colleges, universities and related research centers.

The 3W 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 Infinite Plan Achromatic Objectives 4×, 10×, 40×(S), 100×(S, Oil) objectives and each eye tube has interpupillary adjustment. Designed with blue, yellow 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 chromatic condenser Abbe N N.A.1.25 with sliding-in centerable condensers 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.

Sample Images



Technical Specification:

Model	IMB-4480
Type	Biological Microscope
Viewing Head	trinocular head, 30° Interpupillary 48-75mm, eyepiece tube: 30mm, Light distribution: 100: 0 and 50:50(trinocular tube)
Optical System	Infinite
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm
Eyepiece	WF 10X22mm with Diopter Adjustment(optional: WF15×/16mm, WF20X12mm Eyepiece micrometer 0.1mm)
Nosepiece	Backward Quadruple(optional: Backward Quintuple)
Objective	Infinite Plan Achromatic:4X, 10X, 40X(S), 100X(S, Oil)(optional: Infinite Semi-Plan Achromatic:4X, 10X, 40X(S), 100X(S, Oil), Infinite Plan Achromatic: 2X, 20X, 60X(S), Infinite Plan Fluorescent Achromatic:4X, 10X, 20X, 40X(S), 100X(S, Oil))
Stage	Double Layers Mechanical Stage 140×140 mm/ 75×50 mm(optional:Rackless Double Layers Mechanical Stage 150×139 mm, Moving Range 75×52 mm)
Light Source	3W LED Lamp(optional:6V/20W Halogen Lamp Kohler Illumination)
Condenser	Sliding-in Centerable Condenser NA1.25(optional: Dark Field Condenser NA 0.7-0.9 (Dry, used for objectives except 100×) Swing-out Condenser NA 0.9/ 0.25, Dark Field Condenser NA 1.25-1.36 (Oil, used for 100× objectives))
Optional Accessories	(LED lamp, B, G, UV, V, R fluorescent filters Polarizing Set (Polarizer and Analyzer), Phase Contrast Kit BPHE-1 1× C-mount , 0.5× C-mount
Shipping Dimensions	350x350x550 mm
Shipping Weight	GW- 12kg
Catalogue No.	4408010-04

Technical Data:

Model	IMB-4440	IMB-4480
Type	Biological Microscope	
Viewing Head	binocular head, 30° inclined, Interpupillary 48-75mm, eyepiece tube: 30 mm	trinocular head, 30° Interpupillary 48-75mm, eyepiece tube: 30mm, Light distribution: 100: 0 and 50:50(trinocular tube)
Optical System	Infinite	
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	
Eyepiece	WF 10X22mm with Diopter Adjustment(optional: WF15×/16mm, WF20X12mm Eyepiece micrometer 0.1mm)	
Nosepiece	Backward Quadruple(optional: Backward Quintuple)	
Objective	Infinite Plan Achromatic:4X, 10X, 40X(S), 100X(S, Oil)(optional: Infinite Semi-Plan Achromatic:4X, 10X, 40X(S), 100X(S, Oil), Infinite Plan Achromatic: 2X, 20X, 60X(S), Infinite Plan Fluorescent Achromatic:4X, 10X, 20X, 40X(S), 100X(S, Oil))	
Stage	Double Layers Mechanical Stage 140×140 mm/ 75×50 mm(optional:Rackless Double Layers Mechanical Stage 150×139 mm, Moving Range 75×52 mm)	
Light Source	3W LED Lamp(optional:6V/20W Halogen Lamp Kohler Illumination)	
Condenser	Sliding-in Centerable Condenser NA1.25(optional: Dark Field Condenser NA 0.7-0.9 (Dry, used for objectives except 100×) Swing-out Condenser NA 0.9/ 0.25, Dark Field Condenser NA 1.25-1.36 (Oil, used for 100× objectives))	
Certification		
Optional Accessories	Simple Polarizing Set (Polarizer and Analyzer), Phase Contrast Kit BPHE-1 (Infinite 10×, 20×, 40×, 100× phase contrast objective), YX-2 Epi-fluorescent Attachment (Mercury lamp), FL-LED Epi-fluorescent Attachment (LED lamp, B, G, UV, V, R fluorescent filters are available), 1× C-mount , 0.5× C-mount	
Packing Dimension	350x350x550 mm	
Packing Weight	GW- 12kg	
Electrical Requirement		
Catalogue No.	4408005-04	4408010-04



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