

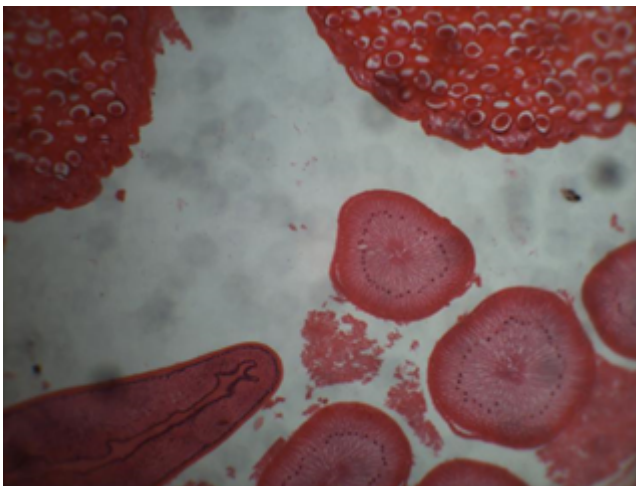
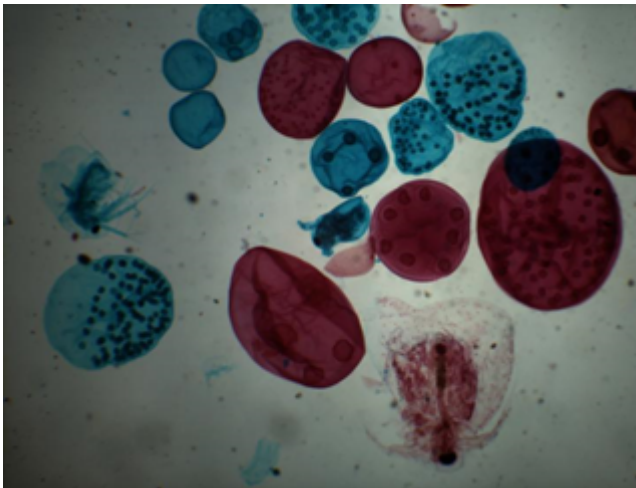
Clinical Microscope IMB-2228



Clinical Microscope IMB-2228 is ideal for medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department.

The 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 model 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, 100X(Oil)(optional: Plan Achromatic 4X, 10X, 40X, 100X(Oil), Infinite Plan 4X, 10X, 20X, 40X, 60X, 100X(Oil)) objective and each eye tube has interpupillary adjustment. Koehler illumination for easy operation. 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 1.25 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.

Sample Images



Technical Specification:

Model	IMB-2228
Type	Biological Microscope
Viewing Head	Binocular Head with 3.2MP digital camera, at 30°, 360°, Interpupillary
Eyepiece	WF10X18 mm(optional:WF16X11 mm)
Nosepiece	Backward Quadruple
Objective	Achromatic 4X, 10X, 40X, 100X(Oil)(optional: Plan Achromatic 4X, 10X, 40X, 100X(Oil), Infinite Plan 4X, 10X, 20X, 40X, 60X, 100X(Oil))
Stage	Double Layer Mechanical Stage 132×142mm/ 75×40mm
Light Source	1W S-LED (optional:Kohler illumination and Halogen Lamp 12V/ 20W)
Condenser	Abbe NA 1.25 with Iris Diaphragm
Optional Accessories	Phase Contrast Kit, Dark Field Attachment, Polarization Attachment, Rechargeable battery, Photo Adapter: used for Nikon or Canon DSLR camera, Video Adapter: 1X or 0.5X C-mount adapter
Shipping Dimensions	320x260x440 mm
Shipping Weight	6 kg
Catalogue No.	4404020-04

Technical Data:

Model	IMB-2207	IMB-2214	IMB-2221	IMB-2228
Type	Biological Microscope			
Viewing Head	Monocular Head, at 30°, 360°	Binocular Head at 30°, 360° ID 48-75mm	Trinocular Head, at 30°, 360° ID 48-75mm	Binocular Head with 3.2MP digital camera, at 30°, 360°
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.00 2mm, Coarse Stroke 37.7 mm per Rotation, Fine Stroke 0.2 mm per Rotation, Moving Range 20 mm			
Eyepiece	WF10X18 mm(optional:WF16X11 mm)			
Nosepiece	Backward Quadruple			
Objective	Achromatic 4X, 10X, 40X, 100X(Oil)(optional: Plan Achromatic 4X, 10X, 40X, 100X(Oil), Infinite Plan 4X, 10X, 20X, 40X, 60X, 100X(Oil))			
Stage	Double Layer Mechanical Stage 132×142mm/ 75×40mm			
Light Source	1W S-LED (optional:Kohler illumination and Halogen Lamp 12V/ 20W)			
Condensers	Abbe NA 1.25 with Iris Diaphragm			
Mirror				
Filter	Yes			
Optional Accessories	Phase Contrast Kit, Dark Field Attachment, Polarization Attachment, Rechargeable battery, Photo Adapter: used for Nikon or Canon DSLR camera, Video Adapter: 1X or 0.5X C-mount adapter			
Certification				
Quantity				
Packing Dimension	320x260x440 mm			
Packing Weight	6 kg			
Electrical Requirement				
Catalogue No.	4404005-04	4404010-04	4404015-04	4404020-04



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States