Multi-head Biological Microscope IMB-2220



Multi-head Biological Microscope IMB-2220 is cost-effective and laboratory-grade performance, choose quintuple nosepiece infinite plan achromatic objective Multi-head Biological Microscope.

The extra wild field 10X is absorbed and delivers a 22 mm field of view which allows you to view more of your specimen. With the features of an infinite optical system, effective high brightness illumination, LED pointer and images coherence for medical teaching and biological teaching, biological analysis, medical and sanitary establishments, laboratories, institutes, colleges, and universities. 24V/ 100W Halogen Lamp Koehler Illumination with consistent color temperature, achromatic objective to ensure high image flatness across the field, and Swing Condenser N.A.0.9/ 0.25. This model of microscopes allow handlers to remain relaxed during long periods of routine microscopy observations. Features with backward quintuple 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 Swing Condenser N.A.0.9/ 0.25 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.

Technical Specification:

Model	IMB-2220
Type	Multi-head Biological Microscope
Viewing Head	Trinocular Head, at 30°, 360° ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° ID 48-75 mm-1 PC
Optical System	Infinite
Focusing	Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.1mm/Rotation, Moving Range 24mm
Eyepiece	Extra Wide Field Eyepiece EW10X20 mm- 4 PCS
Nosepiece	Backward Quintuple
Objective	Infinite Plan Achromatic Objective 4X, 10X, 40X, 100X(OPTIONAL:20X, 60X)
Stage	Double Layers Mechanical Stage 185×142 mm, Moving Range 75×55 mm
Light Source	Halogen Lamp 24V/ 100W Koehler Illumination(optional: 5W LED)
Condenser	Swing Condenser N.A.0.9/ 0.25
Optional Accessories	Green LED and Dual Color LED Pointer, Photo Adapter, Video Adapter
Catalogue No.	4403010-04

Technical Data:

Model	IMB-2210	IMB-2220	IMB-2230	IMB-2240
Type	Multi-head Biological Microscope			
Viewing Head	Trinocular Head, at 30°, 360° ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360°, ID 48-75 mm-1 PC	Trinocular Head, at 30°, 360° ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° ID 48-75 mm-1 PC	Trinocular Head, at 30°, 360° ID 48-75 mm- 1 PC and Binocular Head, at 30°, 360° ID 48-75 mm-2 PCS	Trinocular at 30°, 360° ID 48-75 mm-1 PC and Binocular Head, at 30°, 360° ID 48-75 mm-4 PCS
Optical System	Infinite			
Focusing	Coaxial Coarse & Fine Focus Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.1mm/Rotation, Moving Range 24mm			
Eyepiece	Extra Wide Field Eyepiece EW10X20 mm- 4 PCS		Extra Wide Field Eyepiece EW10X20 mm- 6 PCS	Extra Wide Field Eyepiece EW10X20 mm- 10 PCS
Nosepiece	Backward Quintuple			
Objective	Infinite Plan Achromatic Objective 4X, 10X, 40X, 100X(OPTIONAL:20X, 60X)			
Stage	Double Layers Mechanical Stage 185×142mm, Moving Range 75×55mm			
Light Source	Halogen Lamp 24V/ 100W Koehler Illumination(optional: 5W LED)			
Condenser	Swing Condenser N.A.0.9/ 0.25			
Optional Accessories	Green LED and Dual Color LED Pointer, Photo Adapter, Video Adapter			
Packing Dimension				
Packing Weight				
Electrical Requirement				
Catalogue No.	4403005-04	4403010-04	4403015-04	4403020-04



Iris Analytical Ltd.

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