Research Microscope IMB-4130

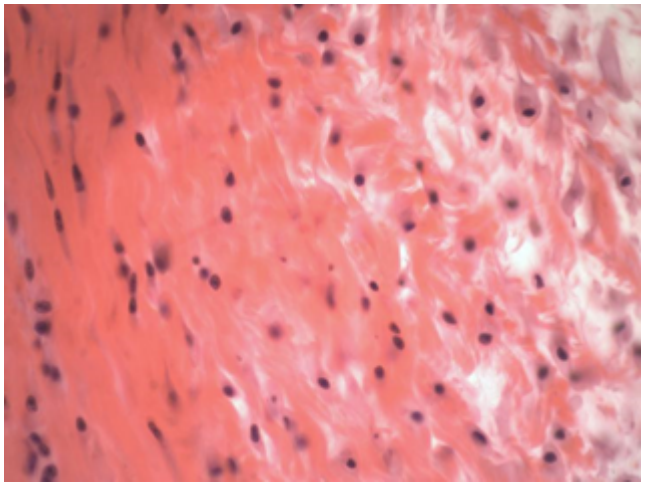


Research Microscope IMB-4130 is a digital microscope, ideal for hospitals, clinics, medical academies, morphology and related research centers for biological, pathological, bacterial, histological, immune, pharmacological and genetic applications.

Built-in and adding a camera to an existing microscope will create a digital microscope with resolution: 1280×1024(1.3MP CMOS), USB2.0 output, Scope Image 9.0 software to see the live image.. Fast and rapid set a specimen with one hand while adjusting the focus and operating the stage with the other hand with slight movement. 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. The binocular viewing head has excellent Semi-plan Achromatic 4X, 10X, 40X, 100X(optional: Plan Achromatic Objective 4X, 10X, 20X, 40X, 60X, 100X, Infinite Plan Achromatic Objective 4X, 10X, 20X, 40X, 60X, 100X) 4X, 10X, 40X, 100X objectives 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 chromatic condenser Abbe NA 1.25 with Iris Diaphragm and Pinion adjustment for condenser 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 Image





Technical Specification:

Model	IMB-4130
Type	Digital Microscope
Viewing Head	Binocular Head at 30°, Interpupillary Distance 55-75mm
Eyepiece	EW10X20 mm
Nosepiece	Backward Quadruple (optional: Backward Quintuple)
Objective	Semi-plan Achromatic 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 140×140mm/ 75×50mm
Light Source	1W S-LED Illumination(optional: 6V/20W Halogen Lamp, Kohler Illumination)
Condenser	NA1.25 Abbe Condenser with iris diaphragm and filter, rack & pinion adjustment
Filter	Blue and Green Filter
Optional Accessories	Phase Contrast Kit, Polarization Set, Dark-field Attachment, LED Pointer
Camera	1280×1024(1.3MP CMOS), USB2.0 output, Image 9.0(optional: 1600×1200(2.0MP CMOS), USB2.0;2048×1536(3.0MP CMOS), USB2.0;2592×1944(5.0MP CMOS), USB2.0
Catalogue No.	4406505-04

Technical Data:

Model	IMB-4130	IMB-4160
Type	Digital Microscope	
Viewing Head	Binocular Head at 30°, Interpupillary Distance 55-75mm	Binocular Head at 30°, Interpupillary Distance 48-75mm
Camera System	1280×1024(1.3MP CMOS), USB2.0 output, Image 9.0(optional: 1600×1200(2.0MP CMOS), USB2.0;2048×1536(3.0MP CMOS), USB2.0;2592×1944(5.0MP CMOS), USB2.0	
Eyepiece	EW10×/20 mm	
Nosepiece	Backward Quadruple (optional: Backward Quintuple)	
Objective	Semi-plan Achromatic 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 140×140mm/ 75×50mm	
Light Source	1W S-LED Illumination(optional: 6V/20W Halogen Lamp, Kohler Illumination)	
Condenser	NA1.25 Abbe Condenser with iris diaphragm and filter, rack & pinion adjustment	
Filter	Blue and Green Filter	
Certification		
Optional Accessories	Phase Contrast Kit, Polarization Set, Dark-field Attachment, LED Pointer	
Electrical Requirement		
Catalogue No.	4406505-04	4406510-04



Iris Analytical Ltd.

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