

BIOLOGICAL MICROSCOPE MSC21-09



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Digital Biological Microscope is an optical microscope that is primarily designed to observe cells, tissues as well as other biological specimens. Magnification range anywhere from 10x – 1,000x or more by attaching multiple objective lenses.

Used in University, Medical, Laboratory, Research, Pharmaceutical.

MSC21-09 BIOLOGICAL MICROSCOPE

The Microscope has a compensation free binocular head inclined at 30° with camera system of 1.3M pixel. As well as Abbe NA1.20 with Iris Diaphragm condenser & Filter. It can be used under the high temperature and high humidity environment.



SPECIFICATIONS

Model	MSC21-09
Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75 mm	Standard
Camera System	
Valid Pixel 1280x1024 (1.3M Pixel)	Standard
Valid Pixel 1600x1200 (2.0M Pixel)	Optional
Valid Pixel 2048x1036 (3.0M Pixel)	NA
Valid Pixel 2052x1944(5.0 M Pixel)	NA
Output Mode USB 2.0	Standard
Operation System WINDOWS7/8 2000 / XP/VISTA	Standard
Software Scopelimage 9.0	Standard
Range of Viewing Field >90%(BMB-117M); 18 mm(BMB-300M)	Standard
Eyepiece	
WF10X/18	Standard
P16 X/11	Optional
Extra wide filed eyepiece EW10x/20 with diopter adjustment	NA
Objective	
Achromatic Objective 4X, 10X, 40X, 100X	Standard
Infinite plan Achromatic Objective 4X, 10X, 40X, 100X	Optional
Infinite Plan Achromatic Phase Objective 10X,20X,40X,100X	NA
Oil Darkfield Objective with Iris Diaphragm 100X (NA0.36-1.25)	NA
Nosepiece	
Backward Quadruple Nosepiece	Standard
Quintuple Nosepiece	NA
Quadruple Nosepiece	NA

Stage	
Double Layers Mechanical Stage 140x140 mm, Moving range 75x50 mm	Standard
Condenser	
Abbe NA1.20 with Iris Diaphragm & Fliter	Standard
Swing Condenser N.A.0.9/0.25	NA
Turret Phase Contrast Condenser	NA
Dark Field Condenser (Dry)	NA
Dark Field Condenser (Oil)	NA
Focusing	
Coaxial Coarse & Fine Adjustment System, Range 24 mm, Fine Division 0.004 mm	Standard
Coaxial Coarse & Fine Adjustment System, Range 20 mm	NA
Illumination	
LED 3W, Brightness Adjustable	Standard
Halogen Lamp 6 V/20 W, Brightness Adjustable	Optional
S-LED Powerful Illumination	NA
Power Supply	
AC 110~220 V, 50/60 Hz	Standard
Accessories	
Phase Contrast Kit	Optional
Dark-Field Attachment	Optional
Polarization Attachment	Optional
Package Size	396x262x492 mm
Gross Weight	7.5 kg

LABSTAC

Labstac LLC

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA
Email: contact@mail.labstac.com | Website: labstac.com