



BIOLOGICAL MICROSCOPE

LBM-A & B Series

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BIOLOGICAL MICROSCOPE

Biological Microscope LBM-A1 Series

Biological microscope LBM-A1 series is easy to operate. Biological Microscope is useful for fine & coarse focusing of specimens very quickly & sharply. With 3W LED light for illumination purpose, it is an essential tool for routine microscopic analysis, basic research.

Features

- 🔍 Sliding and Siedentopf type binocular head
- 🔍 Abbe N.A. 1.25 condenser with iris diaphragm & filter
- 🔍 WF10X as eyepiece
- 🔍 Quadruple nosepiece, quick-stop
- 🔍 Double layer & wire movement mechanical fixed stage
- 🔍 Quadruple, click-stop nosepiece

Applications

Biological microscope can be used for routine microscopic analysis of samples in research laboratories, schools, institutes and colleges.

BIOLOGICAL MICROSCOPE

Specifications

Model No.	LBM-A10	LBM-A11
Viewing Head	Sliding type binocular head, inclined at 45°	Siedentopf binocular head, interpupillary distance range 48-75mm, eyepiece tube rotation 360°
Eyepiece	WF10X	WF10X/18mm
Nosepiece	Quadruple, click-stop	
Objective	Achromatic objective 4x, 10x, 40x(s), 100x(s,oil)	
Stage	Double layer mechanical stage : 140 ×132×75×45mm	
Focusing	Coaxial coarse & fine adjustment, focusing range 30mm, focusing interval 0.002mm	
Condenser	AbbeN.A. 1.25 condenser with iris diaphragm & filter	
Illumination	3W LED, 6V/20W Halogen lamp, adjustable brightness	3W LED, adjustable brightness
Standard Accessory	6V/20W spare halogen lamp BGX1-20(1A) fuse Blue filter Immersion oil Dust cover Instruction manual in English	Nil
Optional Accessory	Phase contrast kit (10x, 20x, 40x, 100x) Dark field condenser (dry or oil) Eyepiece WF16X Wooden case	Phase contrast kit (10x, 20x, 40x, 100x) Dark field condenser (dry or oil) Siedentoptrinocular head

BIOLOGICAL MICROSCOPE

Biological Microscope LBM-A12

Biological microscope LBM-A12 is easy to operate. It comes with sientopf type binocular head with interpupillary distance of 48-75mm range. It is useful for fine & coarse focusing of specimen. It's an essential tool for scientist in the research. It uses halogen lamp as source of illumination. It is used for biological research studies.

Features

- 🔍 Sientopf type binocular head
- 🔍 Interpupillary distance range 48-75mm
- 🔍 Achromatic objective 4x, 10x, 40x(s), 100x(s, oil)
- 🔍 Quadruple, Click-stop nosepiece
- 🔍 6V/20W Halogen lamp/ 3W LED as a source of illumination

Applications

Biological microscope can be used for routine microscopic analysis of samples in research laboratories, schools, institutes and colleges.

BIOLOGICAL MICROSCOPE

Specifications

Model No.	LBM-A12
Viewing Head	Siedentopf binocular head, interpupillary distance range 48-75mm, eyepiece tube rotation 360°
Eyepiece	WF10X
Nosepiece	Quadruple, Click-stop
Objective	Achromatic objective 4x, 10x, 40x(s), 100x(s,oil)
Stage	Double layer mechanical stage: 140×132×75×45mm
Focusing	Coaxial coarse & fine adjustment, focusing range 30mm, Focusing interval 0.002mm
Condenser	Abbe N.A. 1.25 condenser with Iris diaphragm & filter
Illumination	6V/20W Halogen lamp or 3W LED, adjustable brightness
Standard Accessory	6V/20W spare halogen lamp BGX1-20(1A) fuse Blue filter Immersion oil Dust cover Instruction manual in English
Optional Accessory	Trinocular head
	Phase contrast kit (10x, 20x, 40x, 100x)
	Dark field condenser (dry or oil)

BIOLOGICAL MICROSCOPE

Biological Microscope LBM-B1 Series

Biological microscope LBM-B1 series is easy to operate. With backward nosepiece design, its coarse and fine focusing adjustment helps in better observation of the specimen. The microscope comes with 3W LED as external source of illumination. Being compact and light in weight, it is perfect for routine microscopic analysis at research institutes, colleges.

Features

- ⌚ Backward quadruple nosepiece
- ⌚ Finite & infinite optical system
- ⌚ 3W LED as source of illumination
- ⌚ Wide field and high eye point wide field eyepiece

Applications

Biological Microscope can be used for routine microscopic analysis of samples in laboratories, institutes, colleges. They are used in research labs for obtaining fine and sharp image quality with superior adjustment.

BIOLOGICAL MICROSCOPE

Specifications

Model No.	LBM-B10	LBM-B11	LBM-B12
Optical System	Finite optical system	Infinite optical system	
Viewing Head	Siedentopf Binocular viewing head, Interpupillary distance range 48-75mm, Inclined at 30°	Binocular viewing head Inclined at 30° Interpupillary distance range 54-75mm,	
Eyepiece	Wide Field Eyepiece WF10X/F.N. 20mm	Wide Field Eyepiece WF10X/F.N. 22mm	High eye point wide field eyepiece PL10X/20mm with ±5 degrees diopter control
Nosepiece	Backward quadruple nosepiece		
Objective	Finite achromatic objectives: 4x, 10x, 40x, 100x	Infinite high contrast chromatic free full plan, Objectives: 4x, 10x, 40x, 100x	Infinite plan achromatic objective: 4x, 10x, 40x(s), 100x(s,oil)
Stage	Double layer mechanical stage: 140 ×132mm Moving range: 75×45mm	Double layer mechanical stage: 216×150mm, Graphite surface Moving range: 75×55mm	Coaxial Double layer mechanical stage: 140×132mm Moving range: 76×50mm
Focusing	Coaxial coarse & fine adjustment, Fine division 0.001mm, Coarse stroke 37.7mm/Rotation, Fine stroke 0.1mm/Rotation, Moving range 24mm	Coaxial coarse & fine adjustment with limited & tension adjustment. Coarse adjustment range: 25mm, fine adjustment precision: 0.002mm	
Condenser	AbbeN.A. 1.25 condenser with Diaphragm		N.A. 1.25 condenser (with socket for phase contrast & dark field sliders)

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Specifications

illumination	External Illumination 3W /LED	External Illumination 3W /LED (Kohler)	Main supply 100~240V, 3W LED lamp with intensity control (fixed center)
Optional Accessory	Siedentopf trinocular viewing head		Trinocular head
	Trinocular adapter		Dark field slider for condenser
	Wide Field Eyepiece WF16X/15mm, WF20X/12mm		Simple polarization (polarizer & analyzer)
	C mount 0.5 X		Phase contrast kit (10x, 20x, 40x, 100x)
	Backward quadruple nosepiece		
	Dark Field Attachment		
	Phase Contrast Attachment		
	Phase contrast kit (10x, 20x, 40x, 100x)		