



# Educational Microscope

## LEM-A & B Series

# Educational Microscope

## Educational Microscope LEM-A1 Series

Educational compound microscope LEM-A1 series comes with siedentopf type binocular viewing head. With the help of coarse and fine focusing adjustment, LED source of illumination, it is possible to obtain clear and sharp images of the specimen. It is specially designed for examination & demonstration purpose. It can be used for advanced applications in schools and colleges.

### Features

- ⑤ Siedentopf binocular head, inclined at 30°
- ⑤ Wide field eyepiece WF10X
- ⑤ Quadruple nosepiece
- ⑤ AbbeN.A. 1.2 condenser with iris diaphragm with filter
- ⑤ Achromatic objective 4x, 10x, 40x(s), 100x(s,oil)
- ⑤ 3W/LED as source of illumination
- ⑤ Double layer mechanical stage

### Applications

This educational microscope has applications in bacteriology, biology, research industries, school and colleges.

# Educational Microscope

## Specifications

Model no.	LEM-A10	LEM-A11
Viewing Head	Siedentopf binocular head, inclined at 30° eyepiece tube rotation 360°	
Eyepiece	Wide field eyepiece WF10X/18mm	
Nosepiece	Quadruple nosepiece	
Focusing	Coaxial coarse & fine adjustment, fine division 0.002mm, coarse stroke 36mm	
Objective	Achromatic objective 4x, 10x, 40x(s), 100x(s,oil)	
Stage	Double layer mechanical stage: 142×132mm Moving range: 75×50mm	Double layer mechanical stage: 110×125mm
Condenser	AbbeN.A. 1.2 condenser with iris diaphragm with filter	
Illumination	3W/LED brightness adjustable	
Optional accessory	Siedentopf trinocular head, inclined at 30°, eyepiece tube rotation 360°	Siedentopf trinocular head, inclined at 30°, eyepiece tube rotation 360°
	Quadruple nosepiece	Nil
	Wide field eyepiece WF16X/13mm	
	Wide field eyepiece WF20X/11mm	
	3W/LED adjustment, rechargeable battery	
	Plan achromatic objectives 4x, 10x, 40x(s), 100x(s,oil)	Semi-plan achromatic objectives 4x, 10x, 40x(s), 100x(s,oil)

# Educational Microscope

## Educational Microscope LEM-B1 series

Educational microscope LEM-B1 series comes with Siedentopf type binocular viewing head. The fine & coarse focusing knobs are used for obtaining images of the specimens very quickly & sharply. It has inward quadruple, click-stop nosepiece with revolving mechanism. Educational microscopes are specially designed for examination & demonstration purpose.

### Features

- ⑤ Siedentopf type binocular head
- ⑤ WF10X/18 mm or WF10X/20 mm eyepiece
- ⑤ Achromatic, Finite plan and Infinite plan objectives: 4x, 10x, 40x(s), 100x(s,oil)
- ⑤ Inward quadruple, Click-stop revolving nosepiece
- ⑤ 6V/20W Halogen lamp/ 3W LED as a source of Kohler illumination

### Applications

Educational microscopes are used in bacteriology, botany, zoology, research industries, school and colleges for examination and demonstration purpose.

# Educational Microscope

## Specifications

Model No.	LEM-B10	LEM-B11	LEM-B12
Viewing Head	Siedentopf binocular head, interpupillary distance range 48-75mm, eyepiece tube rotation 360°		
Eyepiece	WF10X/18mm	WF10X/20mm	
Nosepiece	Inward quadruple click-stop, revolving mechanism with multiple ball bearing		
Objective	Achromatic objective 4x, 10x, 40x(s), 100x(s,oil)	Finite plan objective 4x, 10x, 40x(s), 100x(s,oil)	Infinite plan objective 4x, 10x, 40x(s), 100x(s,oil)
Stage	Double layer mechanical stage: 140×132mm Travel area: 76×50 mm with a right hand stage handle, 0.1 mm provision; double slide holder		
Focusing	Coaxial coarse & fine adjustment knobs		
Condenser	Abbe N.A. 1.25 condenser with Iris diaphragm		
Illumination	Built-in Kohler illumination system 3W LED or Halogen 6V/20W, adjust brightness, field diaphragm		
Power supply	85V~265V universal power supply		
Optional Accessory	Digital camera and software Trinocular head Phase contrast kit Dark field		Trinocular head Two viewing head Dark field condenser (dry or oil) Fluorescence attachment Phase contrast kit (10x, 20x, 40x, 100x)