



BIOLOGICAL MICROSCOPE LBM-F21

Biological Microscope LBM-F21 is a finite optical system comprised microscope with a 30° inclined, 360° swiveling, compensation free binocular head. Equipped with WF10X/18 mm widefield eyepiece and 4 achromatic objectives, offers magnification range of 40X to 1000X. With quadruple revolving nosepiece and coaxial coarse and fine focusing with Rack and Pinion mechanism, offers 30 mm focusing range. Designed with Abbe N.A.1.25 condenser with iris diaphragm and filter, it has halogen lamp illumination for double layer mechanical stage.

Features

- ❑ A finite optical system microscope with WF10X/18 mm widefield eyepiece
- ❑ 30° inclined, 360° swiveling, compensation free binocular head
- ❑ 4 achromatic objectives: 4X, 10X, 40X (Spring), 100X (Spring, Oil)
- ❑ Magnification range of 40X to 1000X, high magnification range
- ❑ Quadruple revolving nosepiece, easy and systematic interchange of objective lenses
- ❑ Coaxial coarse and fine focusing with Rack and Pinion mechanism, 30 mm focusing range
- ❑ Abbe N.A.1.25 condenser with iris diaphragm and filter, better observation
- ❑ Halogen lamp as illumination source, long life-span
- ❑ Double layer mechanical stage, ensures smooth and gentle movement
- ❑ High-efficient and stable unit for cells, tissues, and other biological specimen observation

Application

Biological microscopes are used to study organisms, cells, pond life samples, and other microscopic life form across cell research, forensic medicine, colleges, universities, and state-of-the-art high resolution molecular studies etc.

Specifications

Model	LBM-F21
Optical System	Finite optical system
Magnification Range	40X to 1000X
Viewing Head	Compensation Free binocular Head, 30° inclined, 360° swiveling, interpupillary 55 to 75mm
Nosepiece	Quadruple revolving nosepiece
Eyepiece	Widefield WF 10X/ 18 mm
Objective	4 achromatic objectives: 4X, 10X, 40X (Spring), 100X (Spring, Oil)
Stage	Double Layer Mechanical Stage, 135×135 mm
Focusing	Coaxial Coarse and Fine Focusing Scale Value 0.002 mm, Focusing Range :30mm
Stage Movement	70×30 mm
Condenser	Abbe N.A.1.25 condenser with iris diaphragm and filter
Illumination	Halogen Bulb 6 V/20 W, AC 220 V/110 V
Packaging Dimension (W×D×H)	325×215×460 mm
Gross Weight	7 kg

Optional Accessories

Accessories no.	Accessories Name
1	Eyepiece: WF16X, WF20X
2	Achromatic Objectives: 20X, 60X (S)
3	LED Illumination