



BIOLOGICAL MICROSCOPE LBM-F22

Biological Microscope LBM-F22 is a finite optical system comprised microscope, features 30° inclined, 360° swiveling compensation free trinocular head. Equipped with WF10X/18 mm of eyepiece and 4 achromatic objectives, offers 40X to 1000X of magnification range. Designed with quadruple revolving nosepiece, Abbe N.A.1.25 condenser with iris diaphragm and filter, has coaxial coarse and fine focusing with Rack and Pinion mechanism. Incorporated with halogen lamp as illumination source and double layer mechanical stage, offers 70×30 mm stage movement for smooth observation.

Features

- ❑ A finite optical system comprised microscope with 40X to 1000X of magnification range
- ❑ 30° inclined, 360° swiveling compensation free trinocular head
- ❑ WF10X/18 mm of eyepiece and 4 achromatic objectives, better and fine observation
- ❑ Quadruple revolving nosepiece, easy power changing rotation
- ❑ Abbe N.A.1.25 condenser with iris diaphragm and filter
- ❑ Coaxial coarse and fine focusing with Rack and Pinion mechanism
- ❑ Halogen lamp as illumination source, long lifespan
- ❑ Double layer mechanical stage with moving range of 70×30 mm
- ❑ Smooth movement of observing slide
- ❑ Ideal microscope to be used for biological specimen observation

Application

Biological Microscope is used to observe cells, tissues, and other biological specimens across tissue analysis, forensics, cytology, hematology, molecular biology etc.

Specifications

Model	LBM-F22
Optical System	Finite optical system
Magnification Range	40X to 1000X
Viewing Head	Compensation Free trinocular Head, 30° inclined, 360° swiveling, interpupillary 55 to 75 mm
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
Stage Movement	70×30 mm
Focusing	Coaxial Coarse and Fine Focusing Scale Value 0.002 mm, Focusing Range :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	6 kg

Optional Accessories

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