

Biological Microscope

FSF-2102B Introduction:

This series microscope is a bigger, basic model and high precision instrument designed and produced by our company. It is specially designed for clinical examination and teaching demonstration in medical and health establishments, laboratories, agricultural science and technology field, research institutes. It is used for routine work and research in biology, bacteriology, cytology and pharmacology.



FSF-2102B Parameter:

Eye piece	Wide Field Plan-scope Eyepiece: WF10X/18mm
Objective	45mm DIN Achromatic Objective: 4X, 10X, 40X(S), 100(S,Oil)
Head	Articulated Free Binocular Head, interpupillary Distance: 55-75mm; 30° inclined, 360° Rotatable
Stage	Double Layers Mechanical Stage: 130X140mm, Moving Range X-Y: 70X50mm
Condenser	ABBE Condenser: N.A.1.25; ϕ 2- ϕ 30mm Iris Diaphragm and ϕ 32 Filler
Focusing Adjustment	Coaxial Coarse and Fine Focusing Adjustable Mechanism: 20mm, Precision: 0.002mm
Illumination	Optional: Built-in Adjustable Brightness 1W LED lamp; 6V/20W Halogen Lamp
Optional	1.WF10X, WF16X; 2.Semi Plan Objective, Plan Objective; 3.Rechargeable Batteries; 4.Electronic Eyepiece 1.3Mp, 3.0Mp
Net Weight	5.6kg
Package	Carton Dimension: 53x37x49cm; Gross Weight: 14kg



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FSF-2016B Parameter:

Optical System	Infinity optical system
Eye piece	PL10X23mm high eye point eyepiece, diopter adjustment 5, tube ϕ 30mm
Viewing Head	Articulated free binocular head, 30° inclined, interpupillary distance 50-75mm
Nosepiece	Backward quintuple or quadruple objective nosepiece
Objective	Plan achromatic objective: 4X, 10X, 40X(S), 100X(S, oil)
Stage	220X145mm X-axis low hand position double mechanical stage (steel wire transmission), 75X50mm, precision 0.1mm, damped double slide clamp
Condenser	ABBE condenser set
Focusing Adjustment	Coaxial coarse and fine focus knobs, precision 0.002mm
Illumination	3W LED lamp with Kohler illumination system
Optional	1.8" color LCD display; 2.Insert phase contrast apparatus; 3.Dry darkfield condenser, Oil darkfield condenser; 4.Polarizing Device; 5.Plan objective set, Infinity plan achromatic objective set 6.Swing ABBE condenser; 7.5W LED Lamp
Net Weight	7kg