

Binocular Biological Microscope

This biological microscope features a binocular head with WF10X-18mm eyepieces for comfortable viewing. It is equipped with multiple objective lenses, adjustable focus knobs for precise image clarity, a mechanical stage for specimen movement, and an adjustable light source.



Overview

Professional Biological Microscope

This binocular biological microscope is engineered for precision laboratory and educational observation. It features high-quality achromatic objectives and a versatile mechanical stage to ensure reliable performance across various magnification levels. Designed for comfort and durability, it offers adjustable interpupillary distance and precise coarse and fine focusing controls for clear, detailed imaging.

Optical System

Achromatic Objectives

Magnification	Aperture (NA)	Notes
4x	0.1	-
10x	0.25	-
40x	0.65	Spring Loaded
100x	1.25	Spring Loaded, Oil

Eyepiece Specifications	WF10x Wide Field, 16x Wide Field
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Nosepiece	4 holes standard
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Illumination & Condenser

Abbe Condenser

1.25 NA

Numerical Aperture

Light Source	Halogen 6v/20w (LED optional)
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Mechanical & Ergonomics

Binocular Head	30° inclined, 360° rotatable
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Mechanical Stage	125mm x 115mm (Travel: 30mm x 70mm)
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Interpupillary Distance	52mm - 75mm
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Power & Operation

Power Voltage	110v-240v Universal
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