



# AMESYS INDIA

AMESYS–BM-10 Binocular Microscope is an advanced research type Pathological Microscope.



## Product Specifications

<b>Optical Tube</b>	<b>Binocular</b>
<b>Illumination</b>	<b>Halogen/ 3 W LED</b>
<b>Objectives</b>	<b>4x, 10x, 40x (spring loaded), 100x (spring loaded, oil), antifungal</b>
<b>Eye Pieces</b>	<b>WF 10x/18mm</b>
<b>Stand</b>	<b>Sturdy stand with antirust, antibacterial materials.</b>
<b>Focusing</b>	<b>Co-axial coarse and fine focusing on ball drive system for smooth operation. Fine drive movement 0.2mm/division, tension adjustment for torque control</b>
<b>Condenser</b>	<b>Sub stage Abbe condenser NA 1.25 condenser focusable with rack &amp; pinion, continuously variable iris diaphragm</b>
<b>Body</b>	<b>45° inclined, 360° rotatable dovetail, interpupillary Distance 54-74mm</b>
<b>Optional Accessories</b>	<b>Phase Contrast kit with 10x and 40x LP Series Phase Objective, Polarizing kit, Dark Field kit, and Green Filter and Day light mirror attachment.</b>
<b>Voltage Supply</b>	<b>100 - 240 V</b>
<b>Stages</b>	<b>Rectangular stage size 135 x 124mm, X/Y travel range 76mm x 50mm. Low drive movement controls, single specimen holder</b>
<b>Nose Pieces</b>	<b>Quadruple Nosepiece (Ball bearing type) with rubber grip, click stop for exact position</b>
<b>Accessories</b>	<b>Packed in Styrofoam box, with operation manual, dust cover, cleaning cloth, power cord.</b>

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## Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System

### Introduction

Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System (Infinity Color Corrected System) are newly developed microscopes, the microscopes use LED as the light source, the life span of the LED lamp is much longer than mercury lamp, the performance is also better.

### Applications

Trinocular LED Fluorescent Biological Microscope with Seidentopf Trinocular Head, Wide Field, Epi-Fluorescent Attachment and Infinite Semi-Plan Achromatic Objectives and Infinite Optical System (Infinity Color Corrected System) are used to study the absorbing, transportation, chemicals distribution and positioning in cells. They are widely used in disease examination, immune diagnosis and life science areas.

### Technical Specifications

Optical System:	Infinite Optical System			
Viewing Head:	Seidentopf Trinocular Head Inclined at 30°, Interpupillary Distance 50-75mm			
Eyepiece:	Wide Field Eyepiece WF10×/18			
Nosepiece:	Backward Quadruple Nosepiece			
Objective:	Infinite Semi-plan Achromatic Objective 4× 10× 40× 100×			
Condenser:	Sliding-in Centerable Condenser NA 1.25			
Focusing:	Coaxial Coarse & Fine Adjustment System, Fine Division 0.002mm, Coarse Stroke 37.7mm per rotation, Fine Stroke 0.2mm per rotation, Moving Range 20mm			
Stage:	Double Layers Mechanical Stage 140×140/ 75×50 mm			
Illumination:	Halogen Lamp 6V/20W			
Reflected Light Source:	Excitation	Dichroic Mirror	Barrier Filter	
	Blue excitation	BP460~490	DM505	BA515
	Green excitation	BP510~550	DM570	BA590
Lamp:	3W LED Lamp (465-476nm)			
Immersion Oil:	Fluorescent Free Oil			

