

FLUORESCENCE MICROSCOPE

LFM-A10



Fluorescence Microscope LFM-A10

Fluorescence microscope LFM-A10 is an advanced microscopes that uses single band LED excitation. This fluorescence microscope with wide voltage range uses 3W LED as a light source for transmitted illumination. It has comfortable 30° inclined gemel trinocular head and correction free interpupillary adjustment. The microscope has integrated all metal high pressure die casting (HPDC) body with rack and pinion mechanism for coarse and fine focus adjustment.

Features

- Infinity corrected achromatic optical system
- 30° gemel trinocular viewing head with 360° rotatable eyepiece tube
- High eye-point wild field plane eyepiece PL10X
- HPDC body with rack and pinion mechanism
- Bband-pass type fluorecence module
- Intensity adjusting knob & switch knob for bright field & fluorecence

Applications

Fluorescence microscope has applications in pathology, medical research & biology and in cytology to study the cells structure.

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Specifications

Model No.	LFM-A10
Optical System	Infinity corrected achromatic optical system
Viewing Head	30° gemel trinocular viewing head with 360° rotatable eyepiece tube Interpupillary distance (IPD)50-75mm Fixed spectroscopical ratio R:T=80%:20%
Eyepiece	PL10X/22 High eye-point wild field plane eyepiece Field of view 20mm Effective exit pupil distance:19mm Diopter ± 5 adjustable
Nosepiece	Backward quadruple nosepiece
Focusing adjustment	Integrated all metal high pressure die casting (HPDC) body Precision transmission mechanism with rack and pinion Coarse focusing scope: 30mm with tightness adjustment and place limit set. Fine adjustable precision: 0.002mm
Objective	Infinity plan achromatic objectives: 4x, 10x, 40x(s), 100x (s,oil)
Stage	Mechanical stage with underhand: 150×140mm Moving range: 76×50mm Precision: 0.1mm, with damping clips
Condenser	Kohler N.A. 1.25 condenser (with socket for phase contrast & dark field sliders)
Illumination	100V-240V_AC50/60Hz wide range voltage 3W LED (predetermine filament center)
LED fluorescent reflected illumination	B1band-pass type fluorescence module with intensity adjusting knob & switch knob for bright field and fluorescence module, central wavelength 470nm
LED fluorescent reflected illumination Optional Outfit	G1 band-pass type LED fluorescence module with intensity adjusting knob & switch knob for bright field and fluorescence module, central wavelength 560nm

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	<p>B4 LED fluorescence module dedicated for TB with intensity adjusting knob & switch knob for bright field and fluorescence module, central wavelength 455nm</p>
	<p>UV2 long pass type LED module with intensity adjusting knob & switch knob for bright field and fluorescence module, central wavelength 365nm</p>