

Affordable FLUORESCENCE MICROSCOPY

Upgrade to LED fluorescence

Introducing, EpiLED, LED fluorescence microscopy module from Magnus. Specifically developed to meet the needs of clinical screening.

Key Features of the LED based EpiLED Fluorescence module :

- Long life time (lasts over 30000 hrs.)
- Instant On/Off
- Minimum photo bleaching
- No warm up or cool down
- No alignment or bulb change
- Saves money
- Quite and less heat generated
- Fits current and older microscopes
- Eco-friendly. No mercury hazard or disposal issues
- Easily switch between brightfield and fluorescence

Choice of the following excitations:

- Royal Blue : 450nm
- Blue : 480 nm
- Green : 535 nm

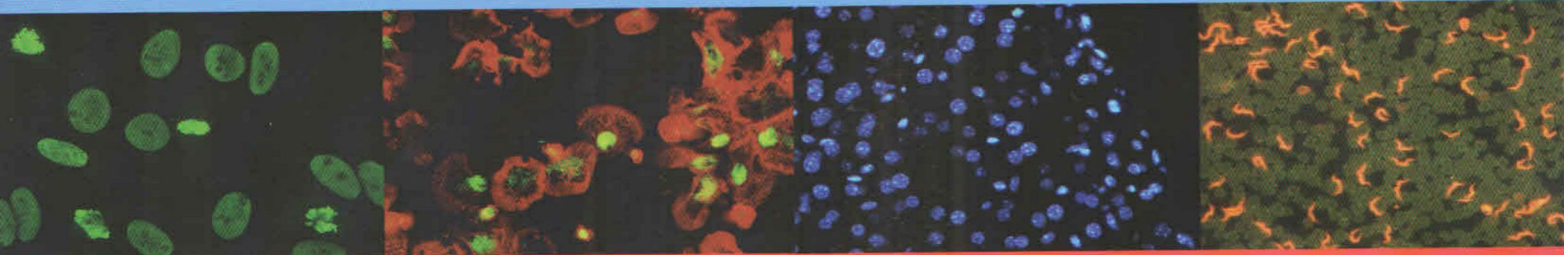
**VIROLOGY | BACTERIOLOGY |
MYCOLOGY | IMMUNOLOGY |
MYCOBACTERIA**



Combine Magnus EpiLED with Magnus Magcam fluorescence cameras for a great digital fluorescence microscopy experience

Examples of fluorescence used in clinical applications

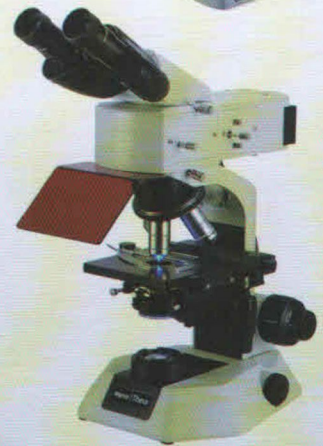
Category	Fluorophore, Probe, or Stain	Applications	Examples
Direct and indirect Fluorescent Antibody Tests and assays	FITC	Detection of bacteria, fungus, virus, parasite, autoimmune disorders	FTA-ABS, ANA, Epstein-barr virus, toxoplasma, Legionella, Pneumophila, Giardia
Non Specific Stains	Calcofluor White	Binds to cellulose and chitin of cell walls	Detection of fungi, pneumocystis, microsporidia, acanthamoeba
	Auramine, Auramine-Rhodamine	Binds into mycolic acid	Detection of Mycobacterium Tuberculosis and other acid-fast bacilli
	Acridine Orange	Intercalates into both native and denatured nucleic acids	Detection of bacteria and fungi in blood, CSF and buffy coat preparations



Magnus EpiLED Module

Compatible with the Following models:

Magnus MLX-i Plus, Olympus CX21, CX22, CX23, CX31, CX41



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Authorised Stockist :

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