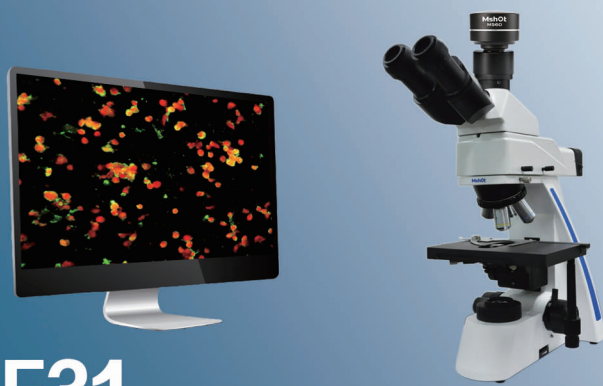


## Design for high efficiency fluorescence



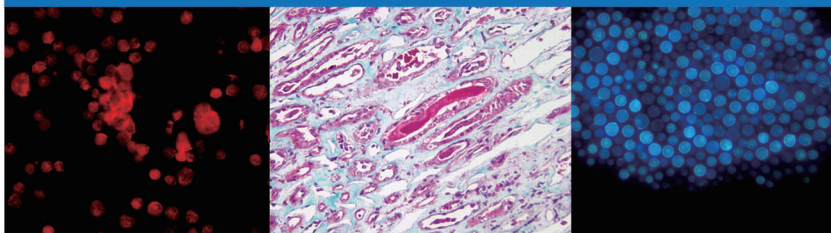
- High contrast LED fluorescence
- Different band wavelength optional



# MF31

## Fluorescence microscope

Bring a vivid full-range view and high contrast fluorescence image and bright field image by adopting excellent quality infinity optical system combined with blue LED fluorescence illuminators.



### Features :

- LED fluorescence illumination.
- Both bright field and fluorescence are LED.
- Compact design in one unit.

### Benefits :

- Energy saving, environment and user friendly.
- Improve laboratory working efficiency.
- Functional with various fluorescence samples.

### Advantages :

- Different wavelength fluorescence optional.
- Easy to use and long working life.
- Compatible with phase contrast upgrade.

Optical system	Infinity optical system
Observation head	Trinocular tube, 30° inclined; Pupil distance 53~75mm
Eyepieces	Wide field WF10X/FN22mm
Fluorescence illumination	EF:420-480nm /DM:>500nm /BF:>510nm Blue LED
Nosepiece	Quadruple nosepiece with backward
Objectives	Infinity plan Achromatic objective 4x/0.1W.D.=21.5mm
	Infinity plan Achromatic objective 10x/0.25 W.D.=7.5mm
	Infinity plan Achromatic objective 40x/0.65 W.D.=0.65mm
	Infinity plan Achromatic objective 100x/1.25 W.D.=0.185mm
Condenser	Abbe NA.1.25, Built-in aperture diaphragm
Focusing system	Fine and coarse adjustment with tension and limited stopper, 2um scale, coarse circle 40mm, fine circle 0.2mm ,focusing distance 24mm
Stage	Double stage, Sizes: 210x140mm; moving range:76x50mm
Kohler illumination	White LED, brightness adjustable
Power Source	AC,100-240V,50-60Hz
Port	0.5X C-mount adapter

### Optional Epi fluorescence illumination



MF-B-LED



MF-BG-LED



MF-BGUV-LED

Green 510~550nm

UV 330~380nm

## Micro-shot Technology Limited

