

AST

MICROSCOPY IMAGING EXPERT

Fluorescence MF31

**Design for high efficiency fluorescence**



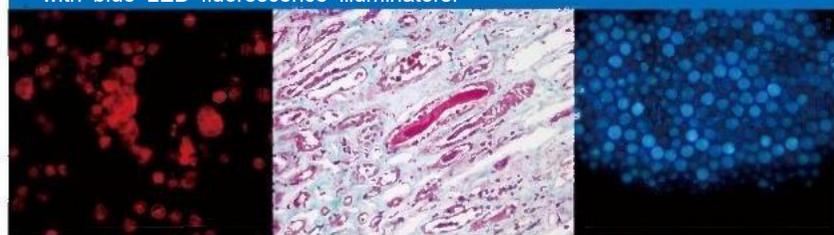
- High contrast LED fluorescence
- Different band wavelength optional



**AST31**

## 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 10×/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



AST-BG-LED

AST-BGUV-LED

Green 510~550nm UV 330~380nm