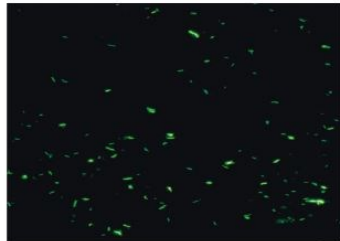
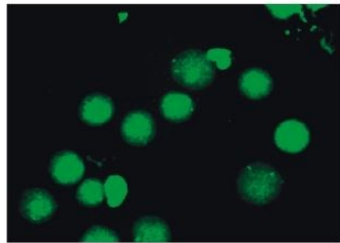


Single Band LED Fluorescence Microscope



TB test



Immunofluorescence assay



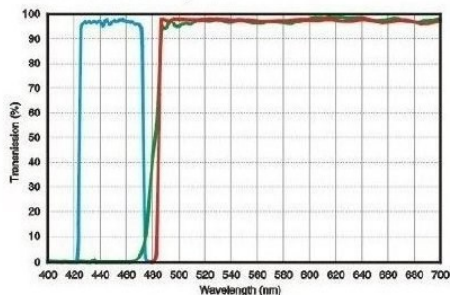
- ◆ **High Performance**
- ◆ **High Contrast**
- ◆ **High Performance : Price ratio**

A New advanced biological microscope specially designed for universities and laboratories of lifescience. The EX30 LED microscope is supplied with a trinocular head and 0.5x C-mount adapter. Designed with LED epi and substage illumination for quick start, controlled and stable lighting the 3 watt modules have lower power consumption and longer life than halogen. LED Fluorescence avoids the expense and safety concerns of mercury lamps. Choice of 4 interchangeable LED epifluorescence modules covering the most popular fluorescence work. Modules switch from Brightfield to Fluorescence and have LED intensity control. The system is supplied with standard Plan Achromatic objectives with the option of Plan-Fluor objectives.

Focusing eyepieces with Interpupillary distance is 50-75mm Rotating eyepiece tube design to raise or lower viewpoint by 34mm.

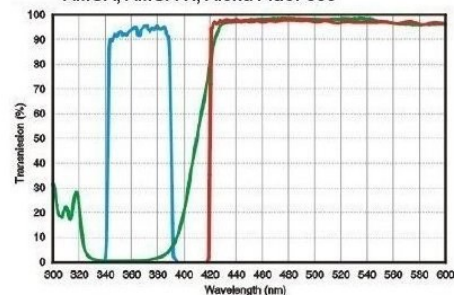


B4: Auramine O, wtGFP



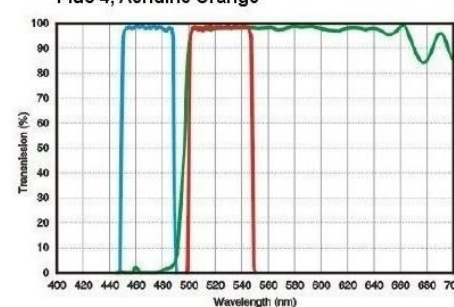
EX450/50 DI480LP EM485LP

UV2: DAPI, Hoechst 33342/33258
AMCA, AMCA-X, Alexa Fluor 350



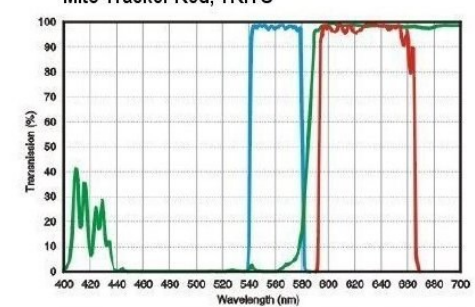
EX365/50 DI400LP EM420LP

B1: EGFP, FITC, Alexa Fluor 488, Cy2, DIO
Fluo 4, Acridine Orange



EX470/40 DI495LP EM525/50

G1: Texas Red, Texas Red-X, Cy3.5,
Mito Tracker Red, TRITC



EX560/40 DI585LP EM645/75

Single Band LED Fluorescence Microscope

Infinity colour corrected optical System, 30 degree inclined gemel trinocular head, 360 degree adjustable, PL10x/22mm adjustable eyepieces, Infinity Plan achromatic objectives 4x/0.1, 10x/0.25, 40x/0.65, 100x/1.25 oil , quintuple rotating nosepiece, kohler illumination system, 90-240V power supply with 3W LED lamp, fine and coarse focusing, 150 x 140 mm mechanical stage with moving range 76 x 50 mm, precision 0.1 mm. Coarse focusing of 30mm with tightness adjustment and place limit set, fine adjustment precision 0.002 mm. NA 1.25 Kohler condenser.



Series	Magnification	N.A.	W.D.	F.N.	Cover glass thickness	Immersion
Plan Fluor series	Plan Fluor4X	0.13	18.5	25	0.17	/
	Plan Fluor10X	0.30	10.6	25	0.17	/
	Plan Fluor20X	0.50	2.33	25	0.17	/
	Plan Fluor40X	0.75	0.6	25	0.17	/
	Plan Fluor100X	1.28	0.21	25	0.17	Oil

Plan-Fluor apochromatic fluorescence objectives. With large numerical aperture these objectives give high resolution, high contrast microscopic images for fluorescence observation.



Transmitted light phase contrast can be helpful in locating a specimen which is then to be observed fluorescing.

A phase slider can be incorporated into the microscope.

