

BS-2080F(LED) Fluorescent Biological Microscope



Introduction

BS-2080F(LED) Series LED fluorescence microscopes is a newly developed microscope, the microscope uses LED as the fluorescent light source, the life span of the LED lamp is much longer than mercury lamp, the performance is also better.

Feature

1. Excellent fluorescent image with infinite optical system.
2. LED illumination with 50,000 hours life span.
3. No need for cooling system and protection device due to LED cold light source.
4. 465-476nm excited wavelength with high SNR.
5. Convenient to use, no need warm-up.
6. More fluorescent filters are available for different applications.

Application

BS-2080F(LED) LED Fluorescence microscope is used to study the absorbing, transportation, chemicals distribution and positioning in cells. It is widely used in disease examination, immune diagnosis and life science areas.

Specification

Item	Specification				BS-2080F(LED)
Optical System	Infinite Optical System				●
Viewing Head	Seidentopf Trinocular Head, Inclined at 30°, 360° Rotatable, Interpupillary Distance 48-75mm				●
Eyepiece	Wide Field Eyepiece WF10×/22mm				●
Nosepiece	Backward Quintuple Nosepiece				●
Objective	Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×				●
	Infinite Plan Achromatic Objective 20×, 60×,				○
	Infinite Plan Fluorescent Objective 4×,10×,20×,40×, 100×				○
Condenser	Swing Condenser NA 0.9/0.25				●
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Moving Range 24mm				●
Stage	Double Layers Mechanical Stage 185×142/ 75×55 mm				●
Photo Adapter	Used to connect Nikon or Canon DSLR camera				○
Video Adapter	1× C-mount, 0.5× C-mount				○
Transmitted Illumination	External Kohler illumination, Aspherical collector, Halogen lamp 6V/30W				●
Reflected Light Source		Excitation	Dichroic Mirror	Barrier Filter	
	Blue excitation	BP460~490	DM505	BA515	●
	Green excitation	BP510~550	DM570	BA590	●
Lamp	3W LED Lamp(465-476nm)				●
	3W LED Lamp(525-530nm)				●
Immersion Oil	Fluorescent Free Oil				●

Note: ●Standard Outfit, ○Optional

Sample Images



