

BS-2040F(LED) Fluorescent Biological Microscope



BS-2040FB(LED)



BS-2040FT(LED)

Introduction

BS-2040F(LED) Series LED fluorescence microscopes are newly developed microscopes, the microscopes use LED as the 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-2040F(LED) LED Fluorescence microscopes are used to study the absorbing, transportation, chemicals distribution and positioning in cells. They are widely used in laboratories, clinics, hospitals, medical colleagues and universities for disease examination, immune diagnosis and life science research.

Specification

Item	Specification	BS-2040 FB (LED)	BS-2040 FT (LED)			
Optical System	Infinite Optical System	●	●			
Viewing Head	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 48-75mm	●				
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 48-75mm		●			
Eyepiece	Wide Field Eyepiece WF10×/18mm	●	●			
Nosepiece	Backward Quadruple Nosepiece	●	●			
	Backward Quintuple Nosepiece	○	○			
Objective	Infinite Semi-plan Achromatic Objective: 4×, 10×, 40×, 100×	●	●			
	Infinite Plan Achromatic Objective: 4×, 10×, 20×, 40×, 60×, 100×	○	○			
	Infinite Plan Fluorescent Objective: 4×, 10×, 20×, 40×, 100×	○	○			
Condenser	Sliding-in Centerable Condenser NA 1.25	●	●			
Focusing	Coaxial Coarse&Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.2mm/Rotation, Moving Range 20mm	●	●			
Stage	Double Layers Mechanical Stage 140×140/ 75×50 mm	●	●			
Photo Adapter	Used to connect Nikon or Canon DSLR camera to the microscope	○	○			
Video Adapter	1×, 0.5× C-mount	○	○			
Transmitted Illumination	3W S-LED Illumination, Brightness Adjustable	●	●			
	Halogen Lamp 6V/20W, Brightness Adjustable	○	○			
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 Image

