

BS-2070F(LED) Fluorescent Biological Microscope



BS-2070FB(LED)



BS-2070FT(LED)

Introduction

BS-2070F(LED) Series LED fluorescence microscopes are newly developed microscopes, the microscopes use 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-2070F(LED) LED Fluorescence microscopes are used to study the absorbing, transportation, chemicals distribution and positioning in cells. They can be used in disease examination, immune diagnosis and life science areas.

Specification

Item	Specification	BS-2070 FB(LED)	BS-2070 FT(LED)
Optical System	Infinite Optical System	•	•
Viewing Head	Seidentopf Binocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	•	

	Seidentopf Trinocular Viewing Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm					●
Eyepiece	WF10×/20mm				●	●
	WF15×/16mm				○	○
Objective	Infinite Plan Achromatic Objective 4×, 10×, 40×, 100×				●	●
	Infinite Plan Achromatic Objective 20×, 60×				○	○
Nosepiece	Backward Quadruple Nosepiece				●	●
	Backward Quintuple Nosepiece				○	○
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 22mm				●	●
Stage	Rectangular 230×150mm, Cross Travel 78×54mm, Using Low-positioned X/ Y Coaxial Control Knob, Can Hold Two Sides				●	●
Condenser	Abbe Condenser NA1.25 with Aperture Diaphragm				●	●
Illumination	12V/20W Halogen Lamp, Brightness Adjustable				●	●
	1W S-LED illumination, brightness adjustable				○	○
Optional Accessories	Photo attachment, Video attachment, Polarization set, Phase contrast kit, Kohler Illumination				○	○
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				●	●
Package	2cartons/set, 38cm*26cm*51cm, 9kg; 44cm*38cm*17cm, 3kg				●	●

Note: ●Standard Outfit, ○Optional

Sample Image

