

BS-2063F(LED, TB) LED Fluorescence Microscope



BS-2063FT(LED, TB)

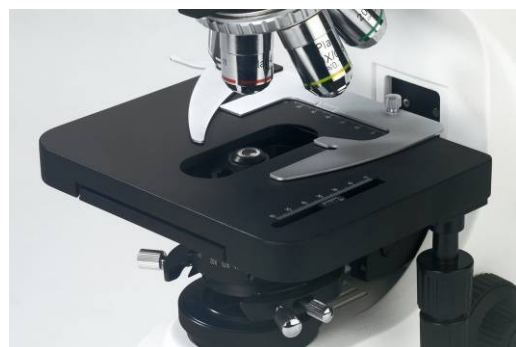
Introduction

BS-2063F(LED, TB) Series LED Fluorescence Microscope is a professional solution for tuberculosis test applications with LED fluorescence excitation and transmitted-light brightfield illumination.

If you want to analyze tuberculosis with Ziehl-Neelsen-Staining or if you like to use fluorescence excitation, e.g. with Auramine O dye. BS-2063F(LED,TB) can simply switch between the two modes.

Feature

1. Reckless Wire Driven Mechanical Fixed Stage with focus lock is safer than traditional stage



2. Quintuple turret phase contrast unit with 10X/20X/40X/100X Infinite plan phase contrast objective for phase contrast and bright field observation.



3. Other accessories.

- N.A.0.9/1.25 Swing-out Condenser
 - Dark field condenser (dry) available to 4X-60X Objective
 - Dark field condenser (oil) available to 100X Objective
- Infinite Plan Objectives



Application

BS-2063F(LED,TB) Series LED Fluorescence Microscope is specifically designed for the daily routine work of education, pathology diagnosis, hospital, clinical and laboratory examinations and research.

Specification

Item	Specification	BS-2063FB (LED,TB)	BS-2063FT (LED,TB)
Optical System	Color Corrected Infinite Optical System	●	●
Viewing Head	Seidentopf Binocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm	●	
	Seidentopf Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm, Light distribution (both): 100:0 (100% for eyepiece) 80:20(80% for trinocular head and 20% for eyepiece)		●
Eyepiece	WF10×/22mm (Diopter adjustable), tube diameter: 30mm	●	●
	WF15×/16mm (Diopter adjustable)	○	○
	WF10×/22mm with 0.1mm eyepiece micrometer	○	○
Infinite Plan Achromatic Objective (without coverslips)	4×/0.10, W.D.=12.10mm	○	○
	10×/0.25, W.D.=4.64mm	●	●
	20×/0.40(S), W.D.=2.41mm	○	○
	40×/0.65 (S), W.D.=0.65mm	●	●
	60×/0.90(S) W.D.=0.33mm	●	●
	100×/1.25(S, Oil), W.D.=0.12mm	●	●
Nosepiece	Backward Quintuple Nosepiece	●	●
Stage	Rackless Double Layers Mechanical stage, Size: 182mm×140mm, Travel Range: 77mm×52mm, Scale: 0.1mm, Two Slide Holder	●	●
Condenser	Swing out condenser N.A.0.9/1.25, with iris diaphragm	●	●
Focusing	Coaxial Coarse and Fine Focusing Knob, Coarse Focusing Travel Range: 25mm,	●	●

	Coarse Stroke 42.4mm/rotation, Fine Stroke 0.2mm/Rotation, Fine division: 2µm		
Koehler Illumination	3W LED Lamp, lifetime 20000 hours, brightness adjustable Field diaphragm, center adjustable Rechargeable battery pack (6V DC), 24 hrs working time	●	●
Dark Field Unit	Dark field condenser (Dry), apply to 4x- 40x objective	○	○
	Dark Field Condenser (Oil), apply to 100x objective	○	○
Polarizing Unit	Analyzer and Polarizer	○	○
Phase Contrast Unit	Quintuple hole turret unit with 10x/20x/40x/100x phase contrast objective	○	○
Fluorescent Attachment	LED Epi-Fluorescent unit (Six-hole disc, Auramine O fluorescent filter (Chroma brand, mainly used for Tuberculosis examination)) 3W LED fluorescent lamp Rechargeable battery pack (6V DC) ,24 hrs working time	●	●
	100W Mercury lamp Epi-Fluorescence unit (Six-hole disc, Auramine O/Uv/V/B/G and other filters)	○	○
Video Adapter	1x C-mount (Used for DSLR cameras or large format microscope camera)		○
	0.5x C-mount (focus adjustable, used for microscope camera)		●
Photo Adapter	Used for CANON / NIKON / OLYMPUS/ SONY DLSR cameras		○
Filter	Blue	●	●
	Green/ Amber/Grey	○	○
Power Supply	Wide voltage input: 100V-240V	●	●
Packing	1 carton/set, Packing Size: 755mm×340mm×440mm, Gross Weight: 17 kgs, Net Weight: 15 kgs	●	●

Note: "●" In Table Is Standard outfits, "○" Is Optional Accessories.

Fluorescent filters

Auramine O	Wavelength (nm)
Exciter	470Sp
Dichroic	480DRLP
Barrier	485LP

