

STALWART

LED Fluorescence Microscope STM-2063F Series



STM-2063FT(LED)

Introduction

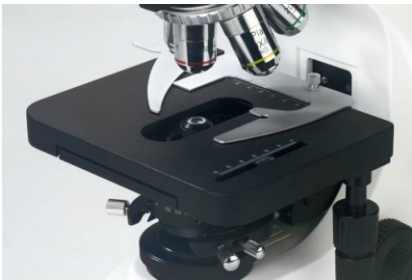
STM-2063F(LED) Series LED Fluorescence Microscope is specifically designed for the daily routine work in the demanding applications of education, pathology investigation, clinical and laboratory usage. Innovative LED as fluorescence illumination source, provide excellent image with easy and comfortable usage experience.

Features

- Six-holes disk fluorescence unit, More fluorescence filters can be supplied



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



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



Other accessories

- N.A.0.9/0.13 Swing-out Condenser
- Dark field condenser (dry) available to 4X-60X Objective
- Dark field condenser (oil) available to 100X Objective
- Infinite Plan Objectives



Specification

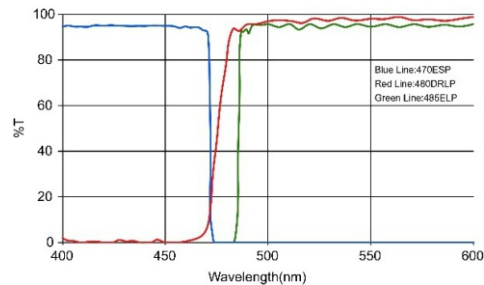
Item	Specification	STM-2063 FB(LED)	STM-2063 FT(LED)
Optical System	Color Corrected Infinite Optical System	Standard	Standard
Viewing Head	Seidentopf Binocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm	Standard	
	Seidentopf Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance: 48-76mm, Light distribution (both): 100: 0 (100% for eyepiece)80:20(80% for trinocular head and 20% for eyepiece)		Standard
Eyepiece	WF10×/22mm (Diopter adjustable), tube diameter: 30mm	Standard	Standard
	WF15×/16mm (Diopter adjustable)	Optional	Optional
	WF10×/22mm with 0.1mm eyepiece micrometer	Optional	Optional
Infinite Plan Achromatic Objective	4×/0.10, W.D.=12.10mm	Standard	Standard
	10×/0.25, W.D.=4.64mm	Standard	Standard
	20×/0.40(S), W.D.=2.41mm	Standard	Standard
	40×/0.65 (S), W.D.=0.65mm	Standard	Standard
	100×/1.25(S, Oil), W.D.=0.12mm	Standard	Standard
	2.5×/0.07 W.D.=8.47mm	Optional	Optional
	60×/0.80(S) W.D.=0.33mm	Optional	Optional
	100×/1.15(S, Water) W.D.=0.19mm	Optional	Optional
Nosepiece	Backward Quintuple Nosepiece	Standard	Standard
Stage	Rackless Double Layers Mechanical stage, Size: 182mm×140mm, Travel Range: 77mm×52mm, Scale: 0.1mm, Two Slide Holder	Standard	Standard
Condenser	Swing out condenser N.A.0.9/0.13, with iris diaphragm	Standard	Standard
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	Standard	Standard
Koehler Illumination	6V/30W Halogen Lamp with Field Diaphragm, Brightness Adjustable	Standard	Standard
	3W LED Illumination with Field Diaphragm, Brightness Adjustable	Optional	Optional

Specification

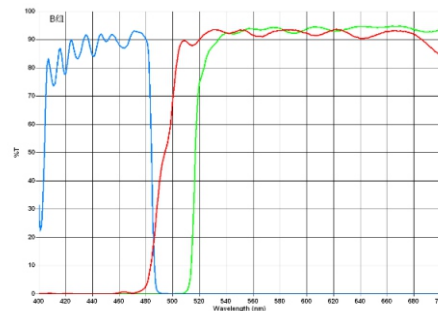
Dark Field Unit	Dark field condenser (Dry), apply to 4×- 40× objective	Optional	Optional
	Dark Field Condenser (Oil), apply to 100× objective	Optional	Optional
Polarizing Unit	Analyzer and Polarizer	Optional	Optional
Phase Contrast Unit	Quintuple hole turret unit with 10×/20×/40×/100× phase contrast objective	Optional	Optional
	Independent slot with 10×/20×/40×/100× phase contrast objective	Optional	Optional
Fluorescent Attachment	100W Mercury Epi-Fluorescence unit (Six-hole disc, Auramine O/Uv/V/B/G and another filters)	Optional	Optional
	3W LED Epi-Fluorescence unit (Six-hole disc, B &G filters)	Standard	Standard
	Auramine O /U/V filters and corresponding fluorescence lamps	Optional	Optional
Video Adapter	1× C-mount (Used for DSLR cameras or large format microscope camera)		Optional
	0.5× C-mount (focus adjustable, used for microscope camera)		Standard
Photo Adapter	Used for CANON NIKON OLYMPUS/ SONY DLSR cameras		Optional
Filter	Blue	Standard	Standard
	Green/ Amber/Grey	Optional	Optional
Power Supply	Wide voltage input: 100V 240V	Standard	Standard
Packing	1 carton/set, Packing Size: 755mm×340mm×440mm, Gross Weight: 17 kgs, Net Weight: 15 kgs	Standard	Standard

Fluorescent filters

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

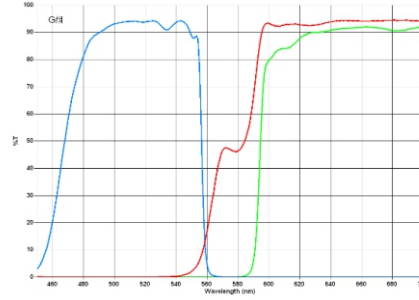


B Excitation	Wavelength (nm)
Exciter	470/37
Dichroic	505LP
Barrier	515LP

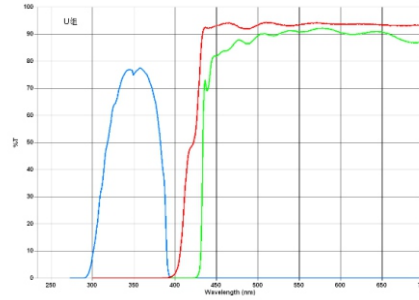


Fluorescent filters

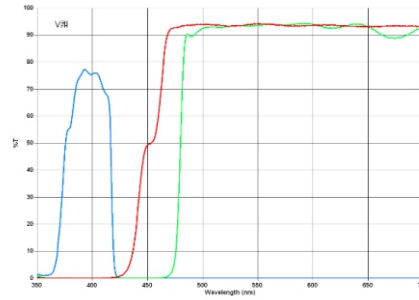
G Excitation	Wavelength (nm)
Exciter	500-550
Dichroic	575
Barrier	590



UV Excitation	Wavelength (nm)
Exciter	330-380
Dichroic	400
Barrier	435



V Excitation	Wavelength (nm)
Exciter	380-420
Dichroic	430
Barrier	460



Dimension

