

STALWART

Biological Microscope STM-2063 Series



STM-2063B



STM-2063T

Introduction

STM-2063 series microscopes are high level microscopes which are specially designed for college education, medical and laboratory study. It adopts an Infinite optical system, beautiful structure and ergonomic design. With an innovative optical and structure design, excellent optical performance and easy to operate system, these biological microscopes make your works enjoyable.

Features

- Excellent infinite optical system with high resolution and perfect definition.
- Wide field 10×/Φ22mm eyepiece, more comfortable for observation.
- 100X water objective is available for convenient viewing.
- Trinocular head with light distribution 100:0 (100% for eyepiece) and 80:20(80% for trinocular head and 20% for eyepiece).
- Rackless stage is safer than traditional stage



- Various accessories for upgrading.
(1) Quintuple turret phase contrast unit with 10X/20X/40X/100X infinite plan phase contrast objective for phase contrast and bright field observation.



- (2) N.A.0.9/0.13 Swing-out Condenser
Dark field condenser (dry) available to 4X-40X Objective
Dark field condenser (oil) available to 100X Objective



- (3) Infinite Plan Objectives



Features

(4) Mercury and LED fluorescent attachment with six-holes disk fluorescence unit, More fluorescence filters can be supplied.



STM-2063FT



STM2063FT(LED)



Simple polarizing unit with polarizer and analyzer.



Application

STM-2063 series microscopes are ideal instrument in biological, histological, pathological, bacteriology, immunizations and pharmacy field and can be widely used in medical and sanitary institutes, such as hospitals, clinics, academic laboratories, colleges and universities.

Specification

Item	Specification	STM-2063B	STM-2063T
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
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

Specification

	Independent slot with 10×/20×/40×/100× phase contrast objective	Optional	Optional
Fluorescent Attachment	100W Mercury Epi-Fluorescence unit (Six-hole disc, Uv/V/B/G and another filters)	Optional	Optional
	3W LED Epi-Fluorescence unit (Six-hole disc, Uv/V/B/G and another filters)	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: 565mm × 310mm × 410mm, Gross Weight: 12 kgs, Net Weight: 10 kgs	Optional	Optional

Sample Pictures

