

# STALWART

## Biological Microscope STM-2041 Series



STM-2041B



STM-2041T

## Introduction

STM-2041 series microscopes are classical biological microscopes with ingenious stand, high definition infinite optical system, sharp image and comfortable operation, which make your work much enjoyable.

## Features

- Infinite Optical System.
- WF10×/22mm eyepiece with diopter adjustment.
- Sliding-in Centerable Condenser.
- Easy carrying handle. Fluorescent attachment, Dark field condenser, phase contrast attachment, simple polarizing kit are optional.

## Specification

Item	Specification	STM-2041B	STM-2041T
Optical System	Infinite Optical System	Standard	Standard
Viewing Head	Seidentopf binocular head, 30° inclined, Interpupillary 48-75mm, eyepiece tube: Φ30mm	Standard	
	Seidentopf trinocular head, 30° inclined, Interpupillary 48-75mm, eyepiece tube: Φ30mm, Light distribution: 100: 0 and 50:50(eyepiece: trinocular tube)		Standard
Eyepiece	Wide Field Eyepiece WF 10×/22mm with Diopter Adjustment	Standard	Standard
	WF15×/16mm Eyepiece	Optional	Optional
	WF20×/12mm Eyepiece	Optional	Optional
	Eyepiece micrometer 0.1mm	Optional	Optional
Objective	Infinite Plan Achromatic Objectives 4×, 10×, 40×(S), 100×(S, Oil)	Standard	Standard
	Infinite Plan Achromatic Objectives 2×, 20×, 60×(S)	Optional	Optional
	Infinite Semi-Plan Achromatic Objectives 4×, 10×, 40×(S), 100×(S, Oil)	Optional	Optional
	Infinite Plan Fluorescent Achromatic Objectives 4×, 10×, 20×, 40×(S), 100×(S, Oil)	Optional	Optional
Nosepiece	Backward Quadruple Nosepiece	Standard	Standard
	Backward Quintuple Nosepiece	Optional	Optional
Stage	Double Layers Mechanical Stage 140mm×140mm/ 75mm×50mm	Standard	Standard

## Specification

	Rackless Double Layers Mechanical Stage 150mm×139mm, Moving Range 75mm×52mm	Optional	Optional
Condenser	Sliding-in Centerable Condenser NA1.25	Standard	Standard
	Swing-out Condenser NA 0.9/ 0.25	Optional	Optional
	Dark Field Condenser NA 0.7-0.9 (Dry, used for objectives except 100×)	Optional	Optional
	Dark Field Condenser NA 1.25-1.36 (Oil, used for 100× objectives)	Optional	Optional
Focusing	Coaxial Coarse & Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	Standard	Standard
Illumination	3W LED Lamp, Brightness Adjustable	Standard	Standard
	6V/20W Halogen Lamp, Brightness Adjustable	Optional	Optional
	Kohler Illumination	Optional	Optional
Optional accessories	Simple Polarizing Set (Polarizer and Analyzer)	Optional	Optional
	Phase Contrast Kit BPHE-1 (Infinite 10×, 20×, 40×, 100× phase contrast objective)	Optional	Optional
	YX-2 Epi-fluorescent Attachment (Mercury lamp)	Optional	Optional
	FL-LED Epi-fluorescent Attachment (LED lamp, B, G, UV, V, R fluorescent filters are available)	Optional	Optional
Video Adapter	1× C-mount (Used for large format microscope camera)		
	0.5× C-mount (Used for microscope camera)		
Photo Adapter	BDPL-1(Nikon), Used for Nikon DSLR cameras		
	BDPL-2(Canon), Used for Canon DSLR cameras		
Packing	1pc/carton, 35cm*35.5cm*55.5cm, gross weight: 12kg	Standard	Standard

## Application

STM-2041 series microscopes are ideal instruments in biological, pathological, histological, bacterial, immune, pharmacological and genetic fields. They can be widely used in medical and sanitary establishments, such as hospitals, clinics, laboratories, medical academies, colleges, universities and related research centers.

Sample Pictures

