STALWART

Inverted Fluorescent Biological Microscope
STM-7000B

STM-7000B

Introduction

STM-7000B Inverted Fluorescent Biological Microscope is specifically designed for the oSTMervation of cell culture. Infinite Optical System gives excellent Optical performance. Excellent high resolution fluorescent objectives are optional to generate high quality fluorescent images. This microscope can be your best assistant in laboratory research.

Features

- Perfect image with infinite optical system.
- High resolution fluorescent objectives are optional for excellent fluorescent images.
- Advanced and precision lamp housing reduces the light leak.
- Reliable power supply with digital display and timer.

Specification

Item	Specification			STM-7000B
Optical System	Infinite Optical System			Standard
Viewing Head	Seidentopf Trinocular Head Inclined at 30°, Interpupillary 48-75mm			Standard
Eyepiece	High-point, Extra Wide Field Eyepiece EW10×/ 22			Standard
Nosepiece	Quintuple Nosepiece			Standard
Objective	LWD Infinite Plan Objective	4×/0.1,	W.D.= 17.3mm	Standard
		10×/0.25,	W.D.= 10mm	Optional
		20×/0.4,	W.D.= 5.1mm	Optional
		40×/0.6,	W.D.= 2.1mm	Standard
	Infinite Plan Phase Objective	PH 10×/0.25,	W.D.= 10mm	Standard
		PH 20×/0.4,	W.D.= 5.1mm	Standard
		PH 40×/0.6,	W.D.= 2.1mm	Optional
	Infinite Plan Fluorescent Objective	4×/0.13,	W.D.= 16.3mm	Optional
		10×/0.30,	W.D.= 12.4mm	Optional
		20×/0.5,	W.D.= 1.5mm	Optional
		40×/0.6,	W.D.= 2.2mm	Optional
Condenser	ELWD Condenser NA 0.3, LWD 72mm (Without condenser 150mm)			Standard
Telescope	Centering Telescope(Φ30)			Optional
Phase Annulus	10×-20×, 40× Phase Annulus Plate (Fixed)			Standard
	10×-20×, 40× Phase Annulus Plate (Adjustable)			Optional
Stage	Plain stage 160×250 mm			Standard
	Glass Insert Plate			Standard
	Attachable Mechanical Stage, X- Y Coaxial Control, Moving Range 120×78 mm			Optional
	Auxiliary Stage 70×180mm			Standard
	Terasaki Holder			Optional

Specification

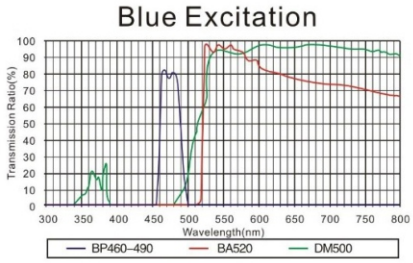
	Petri Dish Holder Φ35mm				Optional
	Slide Glass Holder Φ54mm				Optional
	Petri Dish Holder Φ90mm				Optional
Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm/Rotation, Fine Stroke 0.2mm/Rotation, Moving Range up 8mm, down 3mm				Standard
Transmitted Illumination	6V/30W Halogen Lamp				Standard
	3W LED lamp				Optional
Filter	Blue, Green and Ground glass filters, Diameter 45mm				Standard
Photo Attachment	Photo Adapter for Nikon and Canon DSLR cameras				Optional
Video Adapter	Video Adapter 1× / 0.5× C-mount				Optional
Reflected Light Source		Excitation	Dichroic Mirror	Barrier Filter	
	Blue Excitation	Bp460~490	Dm500	Ba520	Standard
	Blue Excitation (B1)	Bp460~495	Dm505	BA510-550	Optional
	Green Excitation	Bp480~550	Dm570	Ba590	Standard
	Ultraviolet Excitation	Bp330~385	Dm400	Ba420	Optional
	Violet Excitation	Bp400~410	Dm455	Ba455	Optional
	Red Excitation	Bp620~650	Dm660	BA670-750	Optional
Lamp	100W HBO Ultra Hi-voltage Spherical Mercury Lamp				Standard
Protection barrier	Barrier to Resist the Ultraviolet Light				Standard
Power Supplier	Power Supplier NFP-1, 220V/ 110V Voltage interchangeable, Digital Display				Standard
Immersion Oil	Fluorescent Free Oil				Standard
Filter	Neutral ND25/ ND6 Filter				Optional
Centering Target					Optional

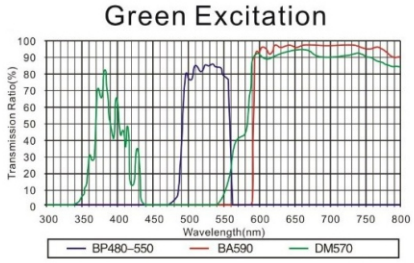
Application

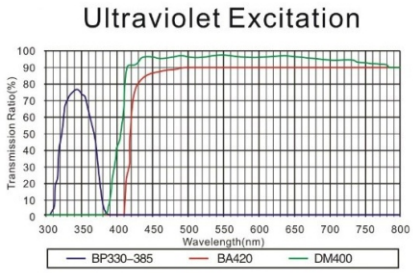
STM-7000B Inverted Fluorescent Biological Microscope is specifically designed for the oSTMervation of cell culture. It is widely used in universities, hospitals and life science laSTM for disease examination, immune diagnosis and scientific research

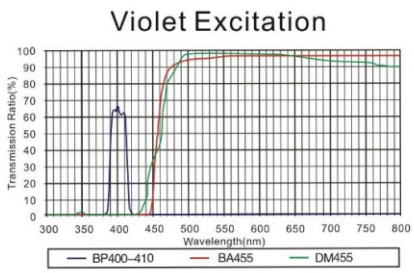
STM-7000B Inverted Fluorescent Attachment

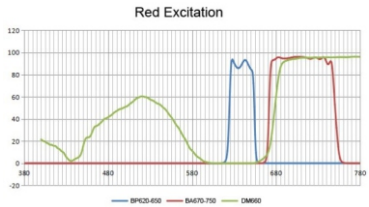
Characteristics of Mirror Units Wavelength











Sample Pictures