

STALWART

Zoom Stereo Microscope STM-3030 Series



STM-3030A



STM-3030AT



STM-3030B



STM-3030BT

Introduction

Stereo microscopes are also known as low magnification and dissecting microscopes. STM-3030 series Zoom Stereo Microscopes offer high quality 3D images throughout the zoom range. Optional eyepieces and auxiliary objectives expand magnification range and working distances. Various stand, Cold light source and ring light are optional for these microscopes.

Features

- High quality and excellent cost performance.
- Ergonomic design, sharp image display, wide viewing field and easy to operate.
- Providing a wide viewing field of $\Phi 22\text{mm}$ with the zoom ratio of 1:6.7, zoom range: 0.67 \times -4.5 \times .
- Transmitted & Reflected 3W LED Illumination are available for STM-30030B and STM-30030BT.
- Ideal instrument in academic, medical and industrial field.

Specification

Item	Specification	STM-3030 A	STM-3030 AT	STM-3030 B	STM-3030 BT	
Optical system	Greenough Optical System	Standard	Standard	Standard	Standard	
Viewing Head	Binocular head, inclined at 45°, rotatable 360°, Interpupillary Distance 54-75mm, diopter adjustment on both eyepieces	Standard		Standard		
	Trinocular head, inclined at 45°, rotatable 360°, Interpupillary Distance 54-75mm, diopter adjustment on both eyepiece		Standard		Standard	
Eyepiece	WF10 \times / $\Phi 22\text{mm}$	Standard	Standard	Standard	Standard	
	WF15 \times / $\Phi 16\text{ mm}$	Optional	Optional	Optional	Optional	
	WF20 \times / $\Phi 12\text{ mm}$	Optional	Optional	Optional	Optional	
	WF25 \times / $\Phi 9\text{ mm}$	Optional	Optional	Optional	Optional	
	WF30 \times / $\Phi 8\text{ mm}$	Optional	Optional	Optional	Optional	
	WF10 \times $\Phi 22\text{mm}$ Eyepiece with cross line(Eyepiece micrometer)	Optional	Optional	Optional	Optional	
Objective	Zoom objective	0.3 \times , W.D. 287mm	Standard	Standard	Standard	Standard
	Auxiliary objective	0.5 \times , W.D. 177mm	Optional	Optional	Optional	Optional
		0.7 \times , W.D. 113mm	Optional	Optional	Optional	Optional
		1.5 \times , W.D. 47mm	Optional	Optional	Optional	Optional
		2 \times , W.D. 26mm	Optional	Optional	Optional	Optional
Zoom Ratio	1:6.7	Standard	Standard	Standard	Standard	
Magnification	6.7 \times -45 \times	Standard	Standard	Standard	Standard	
Working Distance	105mm	Standard	Standard	Standard	Standard	

Specification

Focusing	Coarse focus knob with tension adjustable, moving range: 106mm. Focusing arm diameter: 76mm	Standard	Standard	Standard	Standard
Column Height	300mm	Standard	Standard	Standard	Standard
	500mm (used with 0.3× and 0.5× auxiliary objective)	Optional	Optional	Optional	Optional
Microscope Base Size	205×275×22mm	Standard	Standard		
	205×275×40mm			Standard	Standard
Illumination	Reflected illumination: 5V 3W LED	Optional	Optional	Standard	Standard
	Transmitted illumination: 5V 3W LED	Optional	Optional	Standard	Standard
Attachment	Photo Adapter (For Nikon, Canon, Olympus, Sony DSLR Cameras)		Optional		Optional
Package	Sony DSLR Cameras)		Standard		Standard
	0.5× C-mount adapter (adjustable)		Standard		Standard
	1× C-mount adapter		Optional		Optional
	1pc/carton, 51cm*37cm*31cm, Net weight: 5.5kg, Gross weight: 6.5kg	Standard	Standard	Standard	Standard

Application

STM-3030 series stereo microscopes are of great value in a variety of applications such as school education, circuit board repair, circuit board inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.