

# STALWART

## Zoom Stereo Microscope STM-3025 Series



STM-3025B1



STM-3025B2



STM-3025B3



STM-3025B4

## Introduction

STM-3025 series Stereo Zoom Microscopes offer sharp 3D images which are very clear throughout the zoom range. These microscopes are very popular and cost effective. Optional eyepieces and auxiliary objectives can expand magnification range and working distances. Cold light and ring light can be chosen for this microscope.

## Features

- 7×-45× zoom magnification power with sharp images, can be extended to 3.5×-270× with optional eyepiece and auxiliary objective.
- High eyepoint WF10×/20mm eyepiece.
- 100mm Long working distance.
- Ergonomic design, sharp image, wide viewing field, high depth of field and easy to operate.
- Ideal instrument in education, medical and industrial field.

## Specification

Item	Specification	STM-3025 B1	STM-3025 B2	STM-3025 B3	STM-3025 B4
Viewing Head	Binocular head, inclined at 45°, Interpupillary Distance 54-76mm, diopter adjustment for both tubes, 30mm tube	Standard	Standard	Standard	Standard
	Trinocular head, inclined at 45°, Interpupillary Distance, 54-76mm, 2:8, diopter adjustment for both tubes, 30mm tube	Optional	Optional	Optional	Optional
Eyepiece	WF10×/ 20mm eyepiece (micrometer is optional)	Standard	Standard	Standard	Standard
	WF15×/15mm eyepiece (micrometer is optional)	Optional	Optional	Optional	Optional
	WF20×/10mm eyepiece (micrometer is optional)	Optional	Optional	Optional	Optional
	WF25×/9mm eyepiece	Optional	Optional	Optional	Optional
	WF30×/8mm eyepiece	Optional	Optional	Optional	Optional
Objective	Zoom objective	0.7×-4.5×	Standard	Standard	Standard
	Auxiliary objective	2×, W.D.: 30mm	Optional	Optional	Optional
		1.5×, W.D.: 45mm	Optional	Optional	Optional
		0.5×, W.D.: 165mm	Optional	Optional	Optional
Zoom Ratio	1:6.3	Standard	Standard	Standard	Standard
Working Distance	100mm	Standard	Standard	Standard	Standard
Head Mount	76mm	Standard	Standard	Standard	Standard

## Specification

Illumination	Transmitted light 12V/15W Halogen, Brightness Adjustable		Standard	Standard	Optional	
	Incident light 12V/15W Halogen, Brightness Adjustable		Standard	Standard	Standard	
	Transmitted light 3W LED, Brightness Adjustable		Optional		Optional	Standard
	Incident light 3W LED, Brightness Adjustable				Standard	Standard
	LED ring light	Optional	Optional	Optional	Optional	Optional
	Cold light source	Optional	Optional	Optional	Optional	Optional
Focusing Arm	Coarse focusing, focusing range 50mm	Standard	Standard	Standard	Standard	
Pillar Stand	Pole height 240mm, pole diameter $\Phi$ 32mm, with Clips, $\Phi$ 95 black&White plate, Base size: 200×255×22mm, no illumination	Standard				
	Pole height 240mm, pole diameter $\Phi$ 32mm, with Clips, $\Phi$ 95 black&White plate, glass plate, Base size: 200×255×60mm, Halogen illumination		Standard			
	Pole height 240mm, pole diameter $\Phi$ 32mm, with Clips, $\Phi$ 95 black&White plate, Base size: 205×275×22mm, no illumination			Standard		
	Pole height 240mm, pole diameter $\Phi$ 32mm, with Clips, $\Phi$ 95 black&White plate, glass plate, Base size: 205×275×40mm, LED illumination				Standard	
C-Mount	0.35× C-mount	Optional	Optional	Optional	Optional	
Package	0.5× C-mount	Optional	Optional	Optional	Optional	
	1× C-mount	Optional	Optional	Optional	Optional	
	1pc/1carton, 38.5cm*24cm*37cm, Net/Gross Weight: 4.5/5.5kg	Standard	Standard	Standard	Standard	

## Application

STM-3025 series microscopes are widely used in education, lab research, biology, metallurgy, engineering, chemistry, manufacturing, and in the medical, forensic science and veterinary industries. The microscopes can be used for circuit board repair and inspection, SMT work, electronics inspection, dissection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts