

STALWART

Binocular Zoom Stereo Microscope STM-3044 Series



STM-3044A



STM-3044B

Introduction

STM-3044A/B Binocular Zoom Stereo Microscope offer upright, un-reversed 3 D images that remain in focus throughout the zoom range. They have zoom ratio of 1:8.3. Optional eyepieces and auxiliary objectives can be used to expand magnification range and working distances.

Features

- High zoom ratio of 1:8.3, zoom range of 0.6×-5×, large field of view up to Φ 76mm.
- High quality optical system, providing sharp and high contrast image and ensure flat image at large depth of field, Ease the tiredness with ergonomic design.
- With LED light for both incident and transmitted illumination, Providing even illumination and life expectancy can reach 60000 hours.
- With complete eyepieces, objectives and accessories, it is an ideal instrument for industry assembling, inspection and teaching field

Specification

Item	Specification	STM-3044A	STM-3044B
Viewing Head	Binocular Viewing Head, Inclined at 45°, Interpupillary Distance 55-75mm	Standard	Standard
Eyepiece	Extra wide field eyepiece WF10×/ Φ 23mm	Standard	Standard
	WF15×/ Φ 16mm	Optional	Optional
	WF20×/ Φ 12mm	Optional	Optional
	WF30×/ Φ 9mm	Optional	Optional
Zoom Objective	0.6×-5×	Standard	Standard
Zoom Ratio	8.3:1	Standard	Standard
Working Distance	115mm	Standard	Standard
Auxiliary Objective	0.5×, WD: 220mm	Optional	Optional
	0.7×, WD: 125mm	Optional	Optional
	2×, WD: 45mm	Optional	Optional
Stage Plate	Glass Insert Plate, Diameter 100mm	Standard	
	Glass Insert Plate, Diameter 125mm		Standard
	White&Black round plate, Diameter 100mm	Standard	
	White&Black round plate, Diameter 125mm		Standard
Focusing Unit	Coarse Focus Knob with tension adjustable, Moving range 105mm	Standard	Standard
Illumination	Incident Illumination 100V-240V/ LED	Standard	Standard
	Transmitted Illumination 100V-240V/ LED	Standard	Standard
Video Adapter	30mm adapter ring for 23.2mm eyepiece adapter	Optional	Optional
	0.45×/0.5× C-mount adapter	Optional	Optional
Photo Adapter	Photo Adapter for Nikon or Canon DSLR camera	Optional	Optional

Application

STM-3044A/B Binocular stereo zoom microscope can be used for circuit board repairing and inspection, surface mount technology work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.