

17. BS-3070 Wide Field Stereo Microscope



BS-3070A

BS-3070B

BS-3070C

BS-3070D

Introduction

BS-3070 series stereo microscopes features of large viewing field without eyepiece. Users can see sharp and stereoscopic images from the lens in microscope head. Built-in LED illumination provides bright and even light for comfortable viewing, brightness can be adjusted with the external power box. The microscopes are easy to operate and widely applied to biological dissection, electronics producing and inspection, minerals, historical relic restoration etc.

Features

1. With high quality optical components, providing sharp and high contrast image at super-long working distance, super-large viewing field, large depth of focus, reduce the fatigue and improve the working efficiency.
2. With LED light, Providing even illumination and life expectancy can reach 60000 hours.
3. Various objectives are available, 2×, 4×, 6× objectives are standard, 8×, 10×, 15× and 6×SL objectives are optional. The objectives can be conveniently changed.

Application

The BS-3070 series stereo microscopes are of great value in a variety of applications such as education, biological dissection and industrial areas. They are mainly used for circuit board inspection and repair, surface mount, electronics inspection, coin collecting, gemology and gemstone identification, engraving, repair and inspection of small parts. They are mainly used for following areas:

1. Electronics: PCB board assembling, inspection, repair and weld.
2. Precision project & Plastic: QC, Micro-welding, Micro-machining, Injecting.
3. Medical & Dentistry Equipment Manufacturing: precise manufacture and assembling, Fine Dressing, Color Matching, inspection and repair.
4. Biological and medical: specimen-making, dissecting, Dyeing, Microscopy.
5. Public Security System: Trace comparison, stamp and signature identification, bank note and other note identification and evidence analysis.

Specifications

Model		BS-3070A	BS-3070B	BS-3070C	BS-3070D
Viewing Head	2× high quality optical head without eyepieces	●	●	●	●
Objective	2×, WD: 208mm, FOV: 68mm	●	●	●	●
	4×, WD: 98mm, FOV: 34mm	●	●	●	●
	6×, WD: 80mm, FOV: 22.7mm	●	●	●	●
	8×, WD: 58mm, FOV: 17mm	○	○	○	○
	10×, WD: 46mm, FOV: 13.6mm	○	○	○	○
	15×, WD: 50mm, FOV: 9.1mm	○	○	○	○
	6×SL(Super Long working distance), WD: 115mm, FOV: 22.7mm	○	○	○	○
Total magnification	4×-12×	●	●	●	●
Illumination	3W built-in LED illumination with external control box	●	●	●	●
Stand	Column height 500mm, moving range 175mm, Base 400×300×20mm	●			
	Column height 580mm, moving range 330mm, Base 400×300×20mm, stage size: 210×190mm		●		
	Universal stand can be fixed on table			●	
	Floor type stand, height: 1050-1470mm, horizontal moving range: 400-840mm				●
Focus	Coarse focus with focus knob on stand	●	●		
	Focus with handle on head			●	●

Note: ● Standard Outfit, ○ Optional