

PRODUCT CATALOGUE

Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-



Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-

SZ Series ergonomic tilting head guarantees a comfortable and relaxing view for all users!

An observation free of stress and fatigue-proof over a long period of time, can only be achieved by the optimal adjustment of an ergonomic tilting head. The angle of view can be adjusted to the individual needs of every user. To ensure the best possible sitting position. The extra wide visual field of 22mm, provides a large view on the object.

With SZ Series ergonomic tilting head, we offer a solution to the individual requirements of our customers. Not the user has to adapt to the microscope, the microscope adapts to the user. A perfect tool for users, with long observation periods in front of a microscope.



When choose some suitable parts according to user application, the digital application can be achieved.

- ① Adapter for camera
- ② Single Port Beamsplitter for one camera
- ③ Double Port Beamsplitter for two cameras

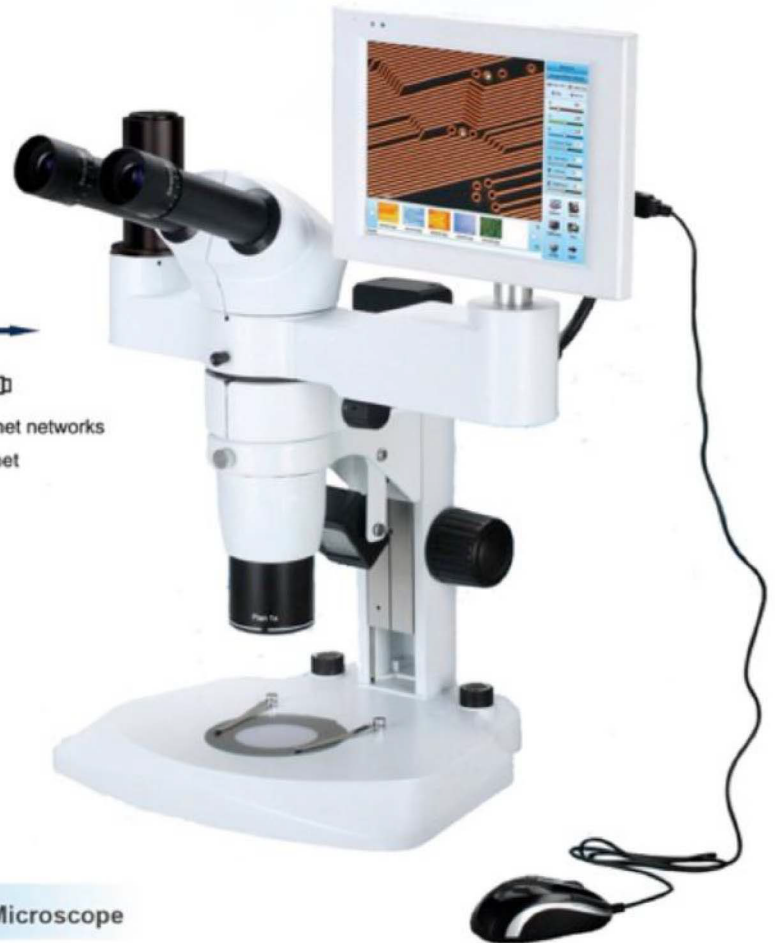


Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-

When choose the 8"4 LCD attachment (see part ① below) the SZ800 Series is able to achieve the direct images process and analysis.



Support 100M Ethernet networks
and WI-FI Wireless net



SZ800FL Series Epi-Fluorescence Stereo Microscope

Now, for the first time, end-users of stereoscopes can get benefits from the same advanced imaging techniques that upright microscopes users have long enjoyed. The new epi-fluorescence illuminator of ICOE stereo-microscopes allows 3D observation of samples such as living organisms using fluorescence methods such as green fluorescence protein (GFP), red fluorescence protein (RFP) or Texas Red, Dapi/Hoechst, as well as photo resistant semiconductor wafers and printed circuit boards (PCB). Best of all, it provides all the advantages of advanced fluorescence microscopy along with ultra-long working distances for easy specimen manipulation and true three-dimensional stereo vision.



Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-

INFINITY PARALLEL ZOOM STEREO MICROSCOPES – SZ800 SERIES

Model: SZ806

Zoom Ratio: 1:6

Zoom Range: 0.8x-5x

Standard Magnification: 8x-50x

Total Magnification Range: 4x-300x

Model: SZ808

Zoom Ratio: 1: 8

Zoom Range: 0.8x-6.4x

Standard Magnification: 8x-64x

Total Magnification Range: 4x-384x

Model: SZ810

Zoom Ratio: 1:10

Zoom Range: 0.8x-8x

Standard Magnification: 8x-80x

Total Magnification Range: 4x-480x



Optics

Objectives

Binocular head, inclined at 20 degree, Eyepiece: EW10X/22
Optical system: 1X plan objective infinity System

Mechanics

Working distance

Standard 78mm, coaxial coarse & fine focusing system

Illumination

Incident and transmitted LED light for 100-240V, which can be used simultaneously. Incident light 3W LED, transmitted light 6W LED

Options

Ergonomics tilting head; Eyepiece: WF10X/24, WF15X/16, WF20X/12, WF30X, auxiliary lenses 0.3X, 2.0 and Plan 0.5X; Iris diaphragm; Polarization and darkfield attachment; Universal stands, extended arm stands, mechanical stage, moveable stage, temperature controlled stage; Beamsplitter; Epi-fluorescent attachment; LCD Attachment; Coaxial illumination; Cold light illumination with dual light guide; Coaxial coarse & fine focusing unit

The New infinity parallel zoom stereomicroscope series ideal for biological and industrial applications. It features a binocular/trinocular head or alternatively ergonomics tilting head and offers parfocal and parcentered objectives, It comes with widefield eyepiece including a 22mm field of view. Different objectives are available to deliver 3 dimensional images of the original specimen.

The dual LED illumination system with variable light intensity can be switched on independently or simultaneously.

Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-

The SZ800 Series incorporate over 20 years of proven optical experience in a high quality IPO (Infinity Parallel Optical) series stereo zoom microscope. With exceptional optics, the modular SZ800 deliver, superb image quality at a competitive price, with a wide array of options providing complete flexibility.

SZ806 Overview

The SZ806 adopts infinity parallel Optical Zoom system, which provide high quality stereo viewing, ideal for both industry and life sciences, with an extra-long working distance for assembly, manipulation, re-work, dissection, or inspection tasks. Additionally, a wide range of stand options and accessories allow tailoring to suit individual requirements.

With an 6:1 zoom ratio, the SZ806 has a standard magnification range of 8x-50x(max.300x) allowing fast and accurate viewing of all subjects.

SZ808 Overview

The SZ808 provide high quality stereo viewing, ideal for both industry and life sciences, with a long working distance for easy assembly, manipulation, re-work, dissection, or simple inspection tasks.

With an 8:1 zoom ratio, the SZ808 has a standard magnification range of 8x-64x(max.384x) allowing fast and accurate viewing of all subjects. A compact, modular design allows accessories to be added to the configuration, without loss of clarity or contrast through the common main objective.

SZ810 Overview

The high precision optics of the SZ810 provide a 10:1 zoom ratio and a standard magnification range of 8x-80x(max.480x), providing high performance stereo magnification, while maintaining a long working distance.

A fine focus option provides users with advanced capabilities for critical examination, allowing operators to quickly switch between manipulation and high magnification inspection tasks, allowing for parts to be reworked accurately passing stringent quality standards



OPTICAL SPECIFICATIONS

Objective Lens	Working Distance (mm)	Zoom Body	Eyepiece					
			10x		20x		30x	
			Mag	FOV (mm)	Mag	FOV (mm)	Mag	FOV (mm)
0.5x	187mm	1:6	4X-25X	57.5-9.2	8X-50X	35-5.6	12X-75X	25-4
		1:8	4X-32X	57.5-7.2	8X-64X	35-5.5	12X-96X	25-3.1
		1:10	4X-40X	57.5-5.8	8X-80X	35-3.5	12X-120X	25-2.5
1x	78mm	1:6	8X-50X	28.8-4.6	16X-100X	17.5-2.8	24X-150X	12.5-2
		1:8	8X-64X	28.8-3.6	16X-128X	17.5-2.2	24X-192X	12.5-1.6
		1:10	8X-80X	28.8-2.9	16X-160X	17.5-1.8	24X-240X	12.5-1.3
2x	35mm	1:6	16X-100X	14.4-2.9	32X-200X	8.8-1.4	48X-300X	6.3-1
		1:8	16X-128X	14.4-2.3	32X-256X	8.8-1.1	48X-384X	6.3-0.8
		1:10	16X-160X	14.4-1.8	32X-320X	8.8-0.9	48X-480X	6.3-0.6

Stereo Microscopes SZ800 Series- Infinity Parallel Zoom Optical System-

Products Specification sheet

Model		SZ-806	SZ-808	SZ-810
Optical System	Parallel optical zoom system	1	1	1
Drawing Tube	Binocular Head, 20°Inclination, Interpupillary distangce 55-75mm	1	1	1
	Tilting binocular eyepiece tube,0-35 inclined, interpupillary distangce 55-75mm, eyepoint height can be rasised to 137mm			
Eyepiece	EW10×/22	2	2	2
	WF10X/24			
	WF15×/16			
	WF20×/12			
	WF30X			
Zoom Objective	0.8×-5×	1		
	0.8×-6.4×		1	
	0.8×-8×			1
Objective	1X Plan Achromatic Objective WD: 78mm	1	1	1
	0.3X Achromatic Objective 0.3× WD: 276mm			
	0.5X Plan Apochromatic Objective WD: 195mm			
	2X Plan Achromatic Objective WD:32.5mm			
	0.5X Plan apochromatic objective WD: 126mm			
Zoom Ratio	1:6	1		
	1:8		1	
	1:10			1
Working Distance	78mm	1	1	1
Focusing	Focusing Range 105mm	1	1	1
Illumination	Transmission or Reflection LED Illumination, Brightness Adjustable	1	1	1
Optional	Coaxial illumination			
	Epi-fluorescent attachment			
	Dark field attachment			
	Simple polarization set			
	Iris diaphragm			
	Beamsplitter (one port)			
	Beamsplitter (two ports)			
	Photography & video attachment			
	Moveable stage			
	Temperature controlled stage			
	Universal table stand/Table clamp stand			
	Coaxial coarse & find focusing unit			1
	Cold light illumination with dual light guide			
	LCD Attachment			

IC2100 Infinity Series Biological Microscope

ICOE IC2100 Series Biological Microscope features infinity corrected optical system

The microscope is a built-to-last, top-quality biological microscope ideal for diagnostic analysis of medical purpose, basic laboratory use or as a student microscope for educational purposes. It meets all lab needs of today's student. Better illumination with sliding-in centerable condenser, convenient replacement with phase contrast and dark field condenser. With the newly developed LED illumination system, these microscopes produce brighter, sharper, clearer images for a noticeably enhanced view. The advanced ergonomics and durable design ensure years of comfortable and stable use.

Best of all, IC2100 maintains the same operational ease and rigidity common to all ICOE microscopes and is compatible with many accessories for higher-grade IC2100 series microscopes. Newly designed accessories for phase contrast, dark field and Epi-LED Fluorescence are available.



Model		IC2100B	IC2100T	IC2150B	IC2150T
Optical System	Infinity corrected optical system	1	1	1	1
Viewing Head	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm	1		1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm		1		1
Eyepiece	Wide Field Eyepiece WF10X/18	2	2	2	2
	Extra Wide Field Eyepiece WF10X/20 with Diopter Adjustment				
Objective	Infinite Semi-plan Achromatic Objective 4X, 10X, 40X, 100X	1	1		
	Infinite Plan Achromatic Objective 4X, 10X, 40X, 100X			1	1
Nosepiece	Quadruple Nosepiece	1	1	1	1
Stage	Double Layers Mechanical Stage 140X140mm/75x50mm	1	1	1	1
Condenser	Sliding-in Centerable condenser NA 1.25	1	1	1	1
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	1	1	1	1
Illumination	Single LED Illumination, Brightness Adjustment		1	1	1
	Halogen Lamp 6V/20W, Brightness Adjustable				
Optional Accessories					
Photo Attachment					
Video Adapter	C Mount 1X				
	C Mount 0.5X				
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)				
	NA1.25-1.36 Dark Field Condenser (Oil)				
Phase Contrast Kit	Single Phase Contrast Kit				
	Sliding Phase Contrast Kit				
	Turret Phase Contrast Kit				
Fluorescent Attachment	YX-2 Epi-fluorescent Attachment				
	FL-LED Epi-fluorescent Attachment				
Temperature Control System	5W LED Illumination, Temperature Controlling Range: Room temperature to 50°C				

EB2900 Infinity Series Biological Microscope

ICOE EB2900 Series Biological Microscope features the same infinity corrected optical system used in ICOE research microscopes.

The microscope is a built-to-last, top-quality biological microscope ideal for diagnostic analysis of medical purpose, basic laboratory use or as a student microscope for educational purposes. It meets all lab needs of today's student. With the newly developed LED illumination system, these microscopes produce brighter, sharper, clearer images for a noticeably enhanced view. The advanced ergonomics and durable design ensure years of comfortable and stable use.

Best of all, EB2900 maintains the same operational ease and rigidity common to all ICOE microscopes and is compatible with many accessories for higher-grade EB2900 series microscopes. Newly designed accessories for phase contrast, dark field and simple polarization are available.



Model		EB2900B	EB2900T
Optical System	Infinity corrected optical system	1	1
Viewing Head	Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 48-75mm		1
Eyepiece	High Eyepoint Eyepiece PL10x/23mm, Diopter Adjustment ±5, Tube Diameter 30mm	2	2
	Wide Field Eyepiece EX15x/16		
	Wide Field Eyepiece EX20x/12		
Nosepiece	Backward Quadruple Nosepiece	1	1
	Backward Quintuple Nosepiece		
Objectives	Infinity Plan Achromatic Objective 4X, 10X, 40X, 100X	1	1
	Infinity Plan Achromatic Objective 20X, 60X		
Stage	New-Designed large graphite coating double layer mechanical stage: 220X148mm/76x50mm, precision 0.1mm, damped double slide clamp	1	1
Condenser	NA 1.25 Abbe Condenser with Iris Diaphragm	1	1
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Moving Range 24mm	1	1
Illumination	3W LED Illumination with Kohler illumination system, Brightness Adjustment	1	1
	5W LED Illumination with Kohler illumination system, Brightness Adjustment		
Filter	Blue Filter	1	1
	Green Filter	1	1
Optional Accessories			
Photo Attachment			
Video Adapter	C Mount 1X		
	C Mount 0.5X		
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)		
	NA1.25-1.36 Dark Field Condenser (Oil)		
Phase Contrast Kit	Dial Phase Contrast Kit		
	Sliding Phase Contrast Kit		
Swing Abbe Condenser			
Polarization Set	Simple Polarization Set		

CB800 Infinity Series Biological Microscope

ICOE CB800 Series is a high level microscope which is specially designed for laboratory research and is an ideal instrument from the biological, histological, pathological, bacteriology, immunization, and pharmacy fields, and can be widely used in medical and sanitary establishments, laboratories, institutes, academic laboratories, colleges and universities.

It adopts an Infinite optical system, an infinity color corrected system, reasonable structure and ergonomic design. With an innovative optical and structure design idea, excellent optical performance and easy to operate system, this laboratory biological microscope makes your laboratory work enjoyable.

Newly designed accessories for phase contrast, dark field and simple polarization, Epi-fluorescent Attachment are available.



Model		CB800B	CB800T
Optical System	Infinity corrected optical system	1	1
Viewing Head	Seidentopf Binocular Head, Inclined at 30°, 360° Rotatable, Interpupillary 48-75mm	1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 48-75mm		1
	Tilttable Binocular/Trinocular Head		
Eyepiece	Extra Wide Field Eyepiece EX10x/22mm, Diopter Adjustment ±5, Tube Diameter 30mm	2	2
Nosepiece	Backward Quintuple Nosepiece	1	1
	Backward Sextuple Nosepiece		
Objectives	Infinity Plan Achromatic Objective 4X, 10X, 40X, 100X	1	1
	Infinity Plan Achromatic Objective 20X, 60X		
Stage	Double layer mechanical stage: 185X142mm/75x55mm	1	1
Condenser	Swing Condenser NA 0.9/0.25	1	1
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.001mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.1mm per Rotation, Moving Range 24mm	1	1
Kohler Illumination	External Illumination Aspherical Collector, Halogen Lamp 6V/30W	1	1
	External Illumination Aspherical Collector, Halogen Lamp 24V/100W		
	3W LED Illumination		
	5W LED Illumination		
Temperature Control System	5W LED Illumination, Temperature Controlling Range: Room Temperature to 50 °C		
Optional Accessories			
Photo Attachment			
Video Adapter	C Mount 1X		
	C Mount 0.5X		
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)		
	NA1.25-1.36 Dark Field Condenser (Oil)		
Phase Contrast Kit	Turret Phase Contrast Kit		
Polarization Set	Simple Polarization Set		
Fluorescent Attachment	Epi-Fluorescent Attachment FL-800		
	Epi-Fluorescent Attachment FL-LED		

IV5100 Infinity Series Inverted Biological Microscope

IV5100F Inverted Biological Microscope with Infinite Optical System is a high level microscope that is specially designed for medical and health units, universities, research institutes to observe cultured living cells. It adopts an Infinite optical system, reasonable structure and ergonomic design. With an innovative optical and structure design idea, excellent optical performance and easy to operate system, this inverted biological microscope makes your work enjoyable. A digital camera or digital eyepiece can be added to the trinocular head to take photos and videos.

Newly designed accessories for phase contrast, fluorescent Attachment are available.



Model		IV5100	
Optical System	Infinity corrected optical system	1	
	Trinocular Head, Inclined at 30°, Interpupillary 48-75mm	1	
Eyepiece	Extra Wide Field Eyepiece EX10x/22mm, Diopter Adjustment ±5, Tube Diameter 30mm	2	
Nosepiece	Backward Quintuple Nosepiece	1	
Objectives	Long WD Infinity Plan Objectives	4X/0.1, WD 17.3mm	1
		10X/0.25, WD 10mm	
		20X/0.4, WD 5.1mm	
		40X/0.6, WD 2.1mm	
	Infinity Plan Phase Objectives	PH10X/0.25, WD 10mm	1
		PH20X/0.4, WD 5.1mm	1
PH40X/0.6, WD 2.1mm		1	
Condenser	Extra Long WD Condenser NA 0.3, LWD 72MM (Without Condenser 150mm)	1	
Centering Telescope	Centering Telescope (Φ 30mm)		
Phase Annulus	10X-20X, 40X Phase Annulus Plate (Fixed)	1	
	10X-20X, 40X Phase Annulus Plate (Adjustable)		
Stage	Plain Stage 160×250mm	1	
	Glass Insert	1	
	Attachable Mechanical Stage, X-Y Coaxial Control, Moving Rang 120×78mm		
	Auxiliary Stages 70×180mm	1	
	Terasaki Holder		
	Φ35mm Petri Dish Holder		
	Φ54mm Slide Glass Holder		
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range up 8mm, down 3mm	1	
Illumination	Halogen Lamp 6V/30W	1	
	3W LED Illumination		
Filter	Blue, Green and Ground Glass, Diameter 45mm	1	
Optional Accessories			
Photo Attachment			
Video Adapter	C Mount		
Fluorescent Attachment	Inverted Fluorescent Attachment FL-100		

BM25 Series Biological Microscope

BM25 Series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, agricultural and study field. BM25 series microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department.



Model		BM25M	BM25B	BM25T
Viewing Head	Monocular Head	1		
	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm		1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm			1
Eyepiece	Wide Field Eyepiece WF10X/18	2	2	2
	Wide Field Eyepiece WF16X/11			
Objective	Achromatic Objective 4X, 10X, 40X, 100X	1	1	1
Nosepiece	Quadruple Nosepiece	1	1	1
Stage	Double Layers Mechanical Stage 132X142mm/75x40mm	1	1	1
Condenser	NA 1.20 Abbe Condenser with Iris Diaphragm and filter	1	1	1
	NA 1.25 Abbe Condenser with Iris Diaphragm and filter			
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.004mm, Coarse Stroke 32.7mm per Rotation, Fine Stroke 0.4mm per Rotation, Moving Range 24mm	1	1	1
Illumination	S-LED Illumination, Brightness Adjustment	1	1	1
	Halogen Lamp 6V/20W, Brightness Adjustable			
Accessories				
Photo Attachment				
Video Adapter	C Mount			
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)			
	NA1.25-1.36 Dark Field Condenser (Oil)			
Phase Contrast Kit	Single Phase Contrast Kit			
	Sliding Phase Contrast Kit			
	Turret Phase Contrast Kit			
Polarization Set	Simple Polarization Set			

BM25 Series Biological Microscope

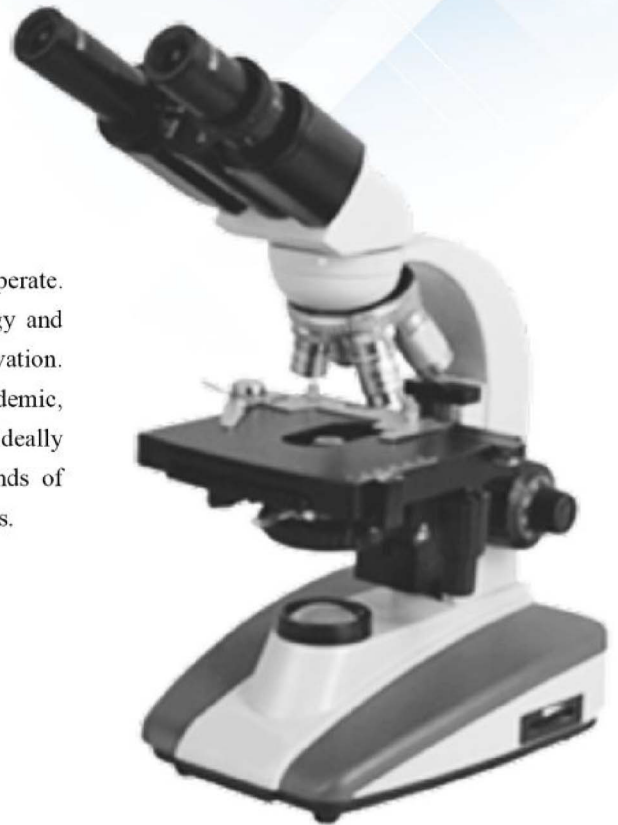


BM25 Series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, agricultural and study field. BM25 series microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department.

Model		BM25M	BM25B	BM25T
Viewing Head	Monocular Head	1		
	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm		1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm			1
Eyepiece	Wide Field Eyepiece WF10X/18	2	2	2
	Wide Field Eyepiece WF16X/11			
Objective	Achromatic Objective 4X, 10X, 40X, 100X	1	1	1
Nosepiece	Quadruple Nosepiece	1	1	1
Stage	Double Layers Mechanical Stage 132X142mm/75x40mm	1	1	1
Condenser	NA 1.20 Abbe Condenser with Iris Diaphragm and filter	1	1	1
	NA 1.25 Abbe Condenser with Iris Diaphragm and filter			
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.004mm, Coarse Stroke 32.7mm per Rotation, Fine Stroke 0.4mm per Rotation, Moving Range 24mm	1	1	1
Illumination	S-LED Illumination, Brightness Adjustment	1	1	1
	Halogen Lamp 6V/20W, Brightness Adjustable			
Accessories				
Photo Attachment				
Video Adapter	C Mount			
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)			
	NA1.25-1.36 Dark Field Condenser (Oil)			
Phase Contrast Kit	Single Phase Contrast Kit			
	Sliding Phase Contrast Kit			
	Turret Phase Contrast Kit			
Polarization Set	Simple Polarization Set			

BM20 Series Biological Microscope

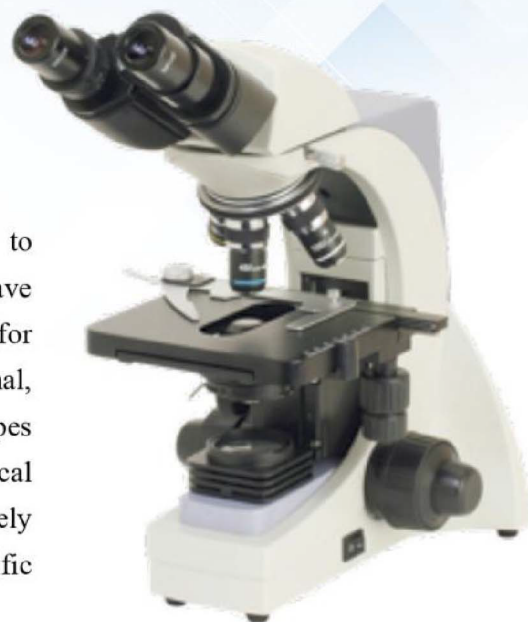
BM20 Series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, agricultural and study field. BM20 series microscopes are ideally suited for school biological education area to observe all kinds of slides. They can be widely used in clinics, schools, academic labs.



Model		BM20M	BM20B	BM20T
Viewing Head	Monocular Head, Inclined at 45°	1		
	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm, 360° rotatable		1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm, 360° rotatable			1
Eyepiece	Wide Field Eyepiece WF10X/18	2	2	2
	Wide Field Eyepiece WF16X/11			
Objective	Achromatic Objective 4X, 10X, 40X	1	1	1
	Achromatic Objective 100X		1	1
Nosepiece	Triple Nosepiece	1		
	Quadruple Nosepiece		1	1
Stage	Double Layers Mechanical Stage 125X130mm/60x30mm	1	1	1
Condenser	NA 1.25 Abbe Condenser with Iris Diaphragm	1	1	1
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	1	1	1
Illumination	1W LED Illumination, Brightness Adjustment	1	1	1
	Halogen Lamp 6V/20W, Brightness Adjustable			
Filter	Blue Filter	1	1	1
	Green Filter	1	1	1
Accessories				
Photo Attachment				
Video Adapter	C Mount 1X			
	C Mount 0.5X			

BM35 Series Biological Microscope

BM35 Series microscopes are economic, practical and easy to operate. These microscopes adopt LED illumination, which save energy and have long working life. It is also very comfortable for observation. These microscopes are widely used in educational, academic, agricultural and study field. BM35 series microscopes are ideally suited for school biological education and medical analyses area to observe all kinds of slides. They can be widely used in clinics, hospitals, schools, academic labs and scientific research department.



Model		BM35AM	BM35A	BM35AT
Viewing Head	Monocular Head	1		
	Seidentopf Binocular Head, Inclined at 30°, Interpupillary 55-75mm		1	
	Seidentopf Trinocular Head, Inclined at 30°, Interpupillary 55-75mm			1
Eyepiece	Wide Field Eyepiece WF10X/18	2	2	2
	Wide Field Eyepiece WF16X/11			
Objective	Achromatic Objective 4X, 10X, 40X, 100X	1	1	1
	Plan Achromatic Objective 4X, 10X, 40X, 100X			
Nosepiece	Quadruple Nosepiece	1	1	1
Stage	Double Layers Mechanical Stage 140X140mm/75x50mm	1	1	1
Condenser	NA 1.25 Abbe Condenser with Iris Diaphragm	1	1	1
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range 20mm	1	1	1
Illumination	Single LED Illumination, Brightness Adjustment	1	1	1
	Halogen Lamp 6V/20W, Brightness Adjustable			
Filter	Blue Filter	1	1	1
	Green Filter	1	1	1
Accessories				
Photo Attachment				
Video Adapter	C Mount			
Dark Field Attachment	NA0.7-0.9 Dark Field Condenser (Dry)			
	NA1.25-1.36 Dark Field Condenser (Oil)			
Phase Contrast Kit	Single Phase Contrast Kit			
	Sliding Phase Contrast Kit			
	Turret Phase Contrast Kit			
Polarization Set	Simple Polarization Set			
Fluorescent Attachment	Epi-fluorescent Attachment			
	FL-LED Epi-fluorescent Attachment			

IBM 40 Series Biological Microscope

IBM40 is a small hand-held microscope, simple, great performance, high-definition. Inverted-design is available to observe biological samples. Easy connect a camera for time-lapse imaging or screening analysis. Compact design, built-in power, easy to carry out to take wildlife observation and inspect protozoa in factory effluent and microbiology.



Model		IBM40
Eyepiece	10×/ Φ18mm	1
Nosepiece	Triple Nosepiece	1
Objectives	4×/NA0.08, Working distance 16	1
	10×/NA0.25, Working distance 3.6	1
	20×/NA0.42, Working distance 2.85	1
	40×/NA0.6, Working distance 0.6	
Stage	Plain Stage with Slide Clips	1
Illumination	LED Illumination (AA Battery X2) for Brightfield	1
Range of Vertical Stroke	Up 1.6mm, down 1.0mm, total 2.6mm	1
Accessories		
Phase Contrast	Phase Contrast 10X	
	Phase Contrast 20X	
	Phase Contrast 40X	
	(Front) LED Illumination (AA Battery X2) for Phase Contrast	
	Portable Carrying Box	

