

Digital Biological Microscope



Features:

- * The integration of structure design, to save space
- * Valid mouldproof design, it can be used under the high temperature and high humidity environment



Technical Parameters:

Model		DM-125	DM-126
Optical System	Infinite Optical System	\	√
	Finite Optical System	√	\
Eyepiece	WF10X/18	√	\
	WF10X/20	\	√
Viewing Head	Monocular Head Inclined at 30°	●	\
	Seidentopf Binocular Viewing Head Inclined at 30°,Interpupillary 47-78mm	√	√
	Seidentopf Trinocular Viewing Head Inclined at 30°, Interpupillary 47-78mm	●	●
	Digital Viewing Head Inclined at 30°, Interpupillary 47-78mm, 5M pixels, Support Wifi	●	●
Achromatic Objective	4X N.A=0.1 WD=18	√	\
	10X N.A=0.25 WD=7	√	\
	40X N.A=0.65 WD=0.53	√	\
	100X N.A=1.25 WD=0.13	√	\
Infinite Semi-Plan Achromatic Objective	4X N.A=0.1 WD=17	\	√
	10X N.A=0.25 WD=7.4	\	√
	40X N.A=0.4 WD=0.7	\	√
	100X N.A=0.6 WD=0.13	\	√
Nosepiece	Backward Quadruple Nosepiece	√	√
Stage	Double Layers Mechanical Stage 140x140mm, Moving Range 75X50mm	√	\
	Rackless Double Layers Mechanical Stage 150x139mm, Moving Range 75X52mm	\	√
Condenser	NA 1.25 Abbe Condenser	√	√
	Dark Field Condenser (Dry, Oil)	●	●
Focusing System	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Moving Division 25mm	√	√
Illumination	Halogen Lamp 6V/20W	●	●
	S-LED Illumination	√	√
	S-LED Illumination with Recharger	●	●
	Kohler Illumination	●	●
	ECO Function	●	●
	Plane-cancave Mirror	●	●
Fluorescent Attachment	Fluorescent Illumination, LED Lamp	●	●
	Fluorescent Illumination, 100W HBO Lamp	●	●
Power Supply	AC 110/220V±10%, 50/60Hz	√	√
Optional function	Phase Contrast Kit, Polarization Set	●	●
Package Size	380*270*470mm (Main body)	√	√
Gross Weight	8.5kg	√	√

Note: √ Standard Outfit, ● Optional, \ Without this feature Trinocular microscope can be installed camera and screen.

Build-in Camera Biological Microscope





Technical Parameters:

Model				BMB-117M	BMB-300M
Viewing Head	Compensation Free Binocular Head, Inclined at 30°, Interpupillary Distance 48-75mm			√	√
	Camera System	Valid Pixel	1280*1024(1.3M Pixel)	√	●
			2048*1036(3.0M Pixel)	\	√
			2052*1944(5.0M Pixel)	\	
		Output Mode	USB2.0	√	√
		Operation System	WINDOWS7/8 2000 / XP/ VISTA	√	√
		Software	Scopelimage 9.0	√	√
Eyepiece	Range of Viewing Field			√	√
	WF10×/18			√	√
	P16×/11			●	\
Objective	Extra wide filed eyepiece EW10×/20 with diopter adjustment			\	●
	Achromatic Objective 4×, 10×, 40×, 100×			√	\
Nosepiece	Infinite plan Achromatic Objective 4×, 10×, 40×, 100×			\	√
	Backward Quadruple Nosepiece			√	\
	Quintuple Nosepiece			\	●
Stage	Quadruple Nosepiece			\	√
	Double Layers Mechanical Stage 132*142mm, Moving range 75*40mm			√	\
	Double Layers Mechanical Stage 140*140mm Moving range 75*40mm			\	√
Condenser	Abbe NA1.20 with Iris Diaphragm & Fliter			√	\
	Abbe NA1.25 sliding-in centerable condenser			\	√
Focusing	Coaxial Coarse & Fine Adjustment System, Range 24mm, Fine Division 0.004mm			√	\
	Coaxial Coarse & Fine Adjustment System, Range 20mm			\	√
Illumination	LED 3W, Brightness Adjustable			√	\
	Halogen Lamp 6V/20W, Brightness Adjustable			●	\
	220V or 110V/6V/20W Halogen Lamp, Brightness Adjustable.			\	√
Power Supply	AC 110/220V±10%, 50/60Hz			√	√
Accessories	Phase Contrast Kit			●	●
	Dark-Field Attachment			●	●
	Polarization Attachment			●	\
Package Size	396*262*492(BMB-117M), 334X334X533(BMB-300M)			√	√
Gross Weight	7.5kg (BMB-117M), 12.5kg (BMB-300M)			√	√

Note: √ Standard Outfit, ● Optional, \ Without this feature

BM-50 Series Rapid Moisture Meter

Features:

- * LCD Display
- * RS232 communication interface
- * Convenient and quick operating with 6 buttons.
- * Heating element, Halogen lamps, proper for samples requires quick heating.
- * Adopting heating-insulated weighing sensor avoids accuracy affected by heating.



Technical Parameters:

Model	BM-50-10	BM-50-5	BM-50-1
Capacity	50g		
Weight Readability	0.01g	0.005g	0.001g
Moisture Readability	0.3%	0.2%	0.1%
Scale Size	Φ90mm		
Temperature Capacity	50~180℃	50~180℃	50~180℃
Ambient Temperature	10~30℃	10~30℃	10~30℃
Power Supply	AC110/220V±10%, 50/60Hz; Power cord, no battery		
Package Size	370*470*350mm		
Gross Weight	4kg		

Electronic Density (Specific Gravity) Balance



Liquid



Solid

Technical Parameters:

Model	BA-100D	BA-200D
Max Capacity	100g	200g
Min Capacity	10mg	
Fixed Support	H=203mm	
Scale Size	Φ110mm	
Output	RS-232C	
Power Supply	AC110/220V±10%, 50/60Hz; Power cord, no battery	
Net Weight	1kg	
External Size	250*180*246mm	
Package Size	335*255*252mm	
Accessories	Measuring platform, measuring cup, fixed support, thermometer, doublehook weights, platinum wire, plumb bob, wire basket, balance body, adaptor and standard weights	

Microscope

Microcirculation Microscope

Application:

Microcirculation microscope is used the early diagnosis, guide treatment and observation for varies diseases including cardiovascular, diabetes, hypertension, stroke, rheumatoid arthritis, etc.It is widely used in medicine, health care products, human health consulting, beauty care and other fields. It is also used for individual microcirculation monitoring



WXH-8



WXH-10/12

Technical Parameters:

Model	WXH-8	WXH-10	WXH-12
Magnification	400X	480X	550X
Display Size(mm)	161*121	204*153	185*240
Objective	10X		
Focus System	Coaxial coarse/ Slightly adjusted, Z axis movement, Mechanical upper and lower limits		
Stage	360°revolve, X,Y axis movement ,moving range 30*80mm		
Illumination	LED illumination with high brightness and lower consumption, new luminaire with lower temperature and 10,000-200,000h working life, 90°revolve left and right		
Power Supply	12V		
Camera	Color camera system, HD LCD display		
Standard Accessory	Aluminum box,Display screen, Power cable, Asphalt, Manual, Flip chart, Microcirculation flattery, Teaching CD		
Optional	Software driven, Acquisition card, Dongle, AV cable etc.		
Package Size	270*340*380mm	300*380*380mm	
Gross Weight	5.5kg	7kg	

Fluorescence Biological Microscope



Technical Parameters:

Model	XY-1/XY-2
Viewing Head	Binocular head (XY-1), Trinocular head (XY-2)
Fluorescent Straight Illumination	B(Blue), G(Green) exciting light filter system O ordinary light system 100W HBO super high-pressured spherical mercury lamp
Protection Screen	Screen to resist the UV
Power	AC input 220V
Connecting Wire	With 2 connectors
Fluorescent Free Objective	10X, 20X, 40X(S), 100X(S, Oil)
Immersion Oil	Fluorescent free oil
Power Supply	AC110/220V±10%, 50/60Hz
Package Size	440*340*220mm; 460*350*250mm
Gross Weight	17kg

Note: 110V/220V for LED lamp, 220V only for Halogen lamp
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece, Ultraviolet, Violet exciting light filter system and ordinary light system. Auxiliary exciting filter EX450-490.

Polarizing Biological Microscope



Technical Parameters:

Model		BMP-107B	BMP-107T
Viewing Head	Sliding binocular head at 45°, 360° rotatable	√	\
	Sliding trinocular head at 45°, 360° rotatable	\	√
Eyepiece	Eyepiece WF10×/18 with scale of crosshair	√	√
	Eyepiece WF10×/18	√	√
Objective	Strain free achromatic objective 4×, 10×, 40×	√	√
Nosepiece	Toward quadruple nosepiece, center adjustable	√	√
Analyzer	Rotatable analyzer with gradation 0°~90°	√	√
Bertrand Lens	Bertrand lens, sliding in/ out of optical path	√	√
Optical Compensator	λ slip(first class red)	√	√
	1/ 4λ slip	√	√
	Quartz wedge	√	√
Revolving Round Stage	Diameter Φ160mm, graduated in1° increments, Minimum resolution 6' when using vernier scale	√	√
Condenser	Abbe condenser with Iris diaphragm & filter	√	√
Focusing	Coaxial coarse & fine adjustment, range 28mm, fine division 0.002mm	√	√
Polarizer	Sliding in/out of optical path, located on the top of collector	√	√
Illumination	6V/ 20W halogen lamp, brightness adjustable	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√
Package Size	327*273*425mm	√	√
Gross Weight	7.5kg	√	√

Note: √ Standard Outfit, ● Optional, \ without this feature Trinocular microscope can be installed camera and screen.

Inverted Biological Microscope



Technical Parameters:

Model	BMI-100		
Optical System	Infinite optical system		√
Viewing Head	Trinocular head inclined at 300, interpupillary distance 48~75mm		√
Eyepiece	High-point, extra wide field eyepiece EW10×/ 22		√
Objective	LWD infinite plan objective	4×/ 0.1, WD 17.3mm;	√
		10×/ 0.25, WD 10mm;	●
		20×/ 0.4, WD 5.1mm;	●
		40×/ 0.6, WD 2.1mm	√
	Infinite plan phase objective	PH10×/ 0.25, WD 10mm;	√
		PH20×/ 0.4, WD 5.1mm;	√
		PH40×/ 0.65, WD 2.1mm	●
Nosepiece	Quintuple nosepiece		√
Condenser	ELWD condenser NA 0.3, LWD 72mm (without condenser 150mm)		√
Centering	Centering telescope (Φ30MM)		●
Phase Annulus	10×-20×, 40× phase annulus plate (fixed)		√
	10×-20×, 40× phase annulus plate (adjustable)		●
Stage	Plain stage 160×250mm		√
	Glass insert		√
	Attachable mechanical stage, X-Y coaxial control, moving rang120×78mm		●
	Auxiliary stages70×180mm		√
	Terasaki holder		●
	Φ35mm petri dish holder		●
	Φ54mm slide glass holder		●
	Φ90mm petri dish holder		●
Focusing	Coaxial coarse and fine adjustment, vertical objective movement Coarse stroke 37.7mm per rotation, fine stroke 0.2mm per rotation		√
Illumination	Halogen lamp 6V/ 30W		√
	LED		●
Filter	Blue, green and ground glass, diameter 45mm		√
Power Supply	AC110/220V±10%, 50/60Hz		√
Accessories	Inverted flurescent attahement FL-100, photo attachment, video adapter with C mount		●
Package Size	468*397*665mm		√
Gross Weight	15.5kg		√

Note: √ Standard Outfit, ● Optional Trinocular microscope can be installed camera and screen.

Inverted Biological Microscope



Technical Parameters:

Model	BMI-202		
Optical System	Infinite optical system		√
Viewing Head	Seidentopf trinocular viewing head, Inclined at 45°, 360° rotatable, Interpupillary 48~75mm		√
Eyepiece	Φ30 wide field eyepiece WF10×/22, eyepiece tube diameter 30mm		√
	Wide field eyepiece WF15×/16		●
	Wide field eyepiece WF20×/12		●
	Infinite plan achromatic objective 4×/0.10 WD=22		√
Objective	LWD infinite plan achromatic phase objective	10×/0.25 WD=6	√
		20×/0.4 WD=3.1	√
		40×/0.55 WD=2.2	√
	Lamp house adjustment objective		●
Nosepiece	Backward quintuple nosepiece		√
Condenser	ELWD condenser NA0.3, LWD72mm(without condenser 150mm)		√
Centering Telescope	Centering telescope(φ30mm)		√
Phase Annulus	10×, 20×, 40× phase annulus plate(adjustable)		√
Stage	Plain stage 230×170		√
	Glasse insert		√
	Attachable mechanical stage, X, Y coaxial control, moving rang 80×120mm		√
	Auxiliary stage		√
	Terasaki holder		√
	Petri dish holder φ38		
	Petri dish holder φ54		√
Focusing System	Coaxial coarse and fine adjustment, fine division 0.002mm, moving range up 4.5mm down 4.5mm		√
Illumination	6V, 30W halogen lamp, brightness adjustable		√
Filter	Blue, green and ground glasse, diameter 45mm		√
Power Supply	AC110/220V±10%, 50/60Hz		√
Accessories	Photo attachment		●
	C Mount 0.4×		●
	Epi-Fluorescent attachment		●
Package Size	630*350*620mm		√
Gross Weight	15kg		√

Note: √ Standard Outfit, ● Optional Trinocular microscope can be installed camera and screen.

Multi-function Biological Microscope



Technical Parameters:

Model		BMM-1000	BMM-2000
Viewing Head	Siedentopf hinged binocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 47~75mm	√	√
	Siedentopf hinged trinocular viewing head, inclined at 30°, 360° rotatable, Interpupillary 47~75mm	•	•
Eyepiece	WF10×/18	√	\
	P16×/11	•	\
	WF10×/20	\	√
	WF15×/16	\	•
Objective	Achromatic objective 4×, 10×, 40×, 100×	√	\
	Plan achromatic objective 4×, 10×, 40×, 100×	•	\
	Infinite plan achromatic objective 20×, 60×	\	•
	Infinite plan achromatic objective 4×, 10×, 40×, 100×	•	√
Nosepiece	Quadruple nosepiece	√	\
	Backward quadruple nosepiece	\	√
	Backward quintuple nosepiece	\	•
Focusing	Coaxial coarse & fine adjustment, range 22mm, fine division 0.002mm	√	√
Stage	Double layers mechanical stage 132*142mm, cross travel 75*40mm	√	\
	Rectangular 230*150mm stage, cross travel 78*54mm, using low-positioned X/Y coaxial control knob	\	√
Condenser	Abbe condenser NA1.25 with aperture diaphragm	√	√
Illumination	S-LED Illumination, brightness adjustable	√	√
	12V/20W Halogen lamp, brightness adjustable	•	•
	Kohler illumination	•	•
Power Supply	AC110/220V±10%, 50/60Hz	√	√
Accessories	Photo attachment, video attachment, dark field condensor only for BMM1000 optional	•	•
	Polarization set, phase contrast kit	\	•
Package Size	323*264*440mm(BMM-1000), 380*260*510mm(BMM-2000)	√	√
Gross Weight	6.5kg(BMM-1000), 10kg(BMM-2000)	√	√

Note: √ Standard Outfit, • Optional, \ Without this feature

Economical Biological Microscope



Technical Parameters:

Model	BME-500D	BME-500E	BME-500SM	BME-500V
Viewing Head	Monocular Head Inclined at 45°, 360° rotatable	Compensation Free Binocular Head Inclined at 30°, 360° rotatable	Compensation Free Trinocular Head, 360° rotatable	Dual viewing head, one tube 30°, inclined and another tube vertical, 360° rotatable
Achromatic Objectives	4X, 10X, 40X(S), 100X(S, Oil)			
Eyepiece	Wide Field Eyepiece: WF10X, (WF16X optional)			
Stage	Double Layer Mechanical Stage Size 120X125mm			
Focusing	Coaxial Coarse and Fine Adjustment, Focusing Range 30mm, Focusing Interval 0.002mm			
Condenser	Abbe NA=1.25 with Iris Diaphragm&Filter			
Illumination	LED(1W) Lamp 220V or 110V, (LED 3W lamp optional)			
Power Supply	AC110/220V±10%, 50/60Hz			
Package Size	370*230*470mm			
Gross Weight	5kg			

Note: Trinocular microscope can be installed camera and screen. 110V/220V for LED lamp.

XS-208 Series Laboratory Biological Microscope



Technical Parameters:

	Specification	Model					
		XS-208A	XS-208B	XS-208C	XS-208AP	XS-208BP	XS-208AB
Viewing Head	Sliding Binocular Head Inclined at 45°	√					
	Sliding Trinocular Head Inclined at 45°		√				
	Compensation Free Binocular Head inclined at 30°				√		√
	Compensation Free Trinocular Head inclined at 30°			√		√	
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√	√	√
Eyepiece	WF10X/18mm	√	√	√	√	√	√
Objective	Achromatic 4X, 10X, 40X(S)100X(S, Oil)	√	√			√	√
	Infinite Plan Achromatic 4X, 10X, 40X(S)100X(S, Oil)			√	√		
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm&filter, rack&pinion adjustable	√	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W	√	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√	√
Optional Accessories	Photo attachment, Video attachment		√	√		√	
	Dark field condenser, Polarization set, Phase contrast kit	√	√	√	√	√	√
Package	Cartoon with foam	√	√	√	√	√	√
Package Size	250*360*460mm	√	√	√	√	√	√
Gross Weight	8kg	√	√	√	√	√	√

Note: 110V/220V for LED lamp, 220V only for Halogen lamp.
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece.

XSB-Series Laboratory Biological Microscope



Technical Parameters:

	Specification	Model				
		XSB-301P	XSB-301B	XSB-103B	XSB-102B	XSB-301A
Viewing Head	Compensation Free Binocular Head inclined at 30°			√		
	Compensation Free Trinocular Head inclined at 30°	√	√			
	Sliding Binocular Head inclined at 45°				√	
	Sliding Trinocular Head inclined at 45°					√
	Sliding Binocular/Trinocular Head inclined at 45°					
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√	√
Eyepiece	WF10X18mm	√	√	√	√	√
Objective	Plan Achromatic 4X, 10X, 40X(S)100X(S, Oil)	√				
	Achromatic 4X, 10X, 40X(S)100X(S, Oil)		√	√		√
	Achromatic 10X, 20X, 40X(S)100X(S, Oil)				√	
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W,	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√
Optional Accessories	Photo attachment, Video attachment	√	√			√
	Dark field condenser, Polarization set, Phase contrast kit	√	√	√	√	√
Package	Each set in styrofoam, to cartoon for safety	√	√	√	√	√
Package	Cartoon with foam	√	√	√	√	√
Package Size	240*340*400mm	√	√	√	√	√
Gross Weight	7kg	√	√	√	√	√

Note: 110V/220V for LED lamp, 220V only for Halogen lamp
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece

BX-Series Laboratory Biological Microscope



Technical Parameters:

	Specification	Model					
		BX-101A	BX-101B	BX-102A	BX-102B	BX-102C	BX-103C
Viewing Head	Monocular Head inclined at 45°	√					
	Dual Observation 45 °, -90° inclined and vertical 360° rotating		√				
	Sliding Binocular Head inclined at 45°			√	√		
	Compensation Free Binocular Head inclined at 30°					√	
	Sliding Free Trinocular Head inclined at 45°						√
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√	√	√
Eyepiece	WF10X 18mm	√	√	√	√	√	√
Objective	Achromatic 4X, 10X, 40X(S)100X(S, O)	√	√	√	√	√	√
Stage	Double Layer Mechanical Stage 115*125mm moving range 30*50mm	√	√	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm & filter, rack&pinion adjustable	√	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W	√	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√	√
Package	Cartoon with foam	√	√	√	√	√	√
Package Size	230*360*460mm	√	√	√	√	√	√
Gross Weight	6kg	√	√	√	√	√	√

Note: 110V/220V for LED lamp, 220V only for Halogen lamp
Optional: 2.0, 3.0 or 5.0 Megapixel, CMOS electronic eyepiece

Inverted Microscope



Technical Parameters:

Model	XDS-403/NIB-100
Viewing Head	Trinocular Head Inclined at 30°, Interpupillary distance 48-75mm
Eyepiece	High point extra wide field eyepiece EW10X/22
Objective	Infinite plan objective: 4X/0.1, WD18mm; 10X/0.25, WD10mm; 20X/0.4, WD5.1mm; 40X/0.6, WD2.6mm Infinite plan phase objective: PH10X/0.25, WD10mm; PH20X/0.4, WD10mm; PH40X/0.65, WD0.35mm
Nosepiece	Quintuple Nosepiece
Condenser	ELWD Condenser NA0.3, LWD72mm(150mm without condenser)
Centering	Centering Telescope (Ø30mm)
Phase Annulus	10X-20X, 40X Pre-adjustable phase annulus plate 10X-20X, 40X Adjustable phase annulus plate
Stage	Plain stage 160*250mm Glass insert Attachable mechanical stage, X-Y coaxial control moving range 120*78mm Auxiliary stage 70*180mm Ø38mm Petri dish holder Ø54mm Slide glass holder
Focusing	Coaxial coarse and fine adjustment, vertical objective movement Coarse stock 37.7mm pet rotation, fine stroke 0.2mm per rotation
Illumination	Halogen lamp 6V/30W
Filter	Diameter 45mm, Blue, Green, and frosted glass
Optional Accessories	Inverted Fluorescent Attachment Video Adapter with C mount
Power Supply	AC110/220V±10%, 50/60Hz
Package Size	350*250*508mm(XSD-403), 468*397*665mm(NIB-100)
Gross Weight	15kg(XSD-403) (NIB-100)

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Metallurgical Microscope



XJD-100



XJD-200



XDS-1

Technical Parameters:

	Specification	Model				
		XJD-100	XJD-200	XDS-1	XDS-2	4XC
Viewing Head	Monocular Head Inclined at 45°	√				
	Sliding Binocular Head Inclined at 45°		√			
	Sliding Trinocular Head Inclined at 45°			√		
	Compensation Free Trinocular Head30°				√	√
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√	√
Eyepiece	WF10X,WF12.5X	√	√	√		
	WF10X20mm				√	√
Objective	Metallurgical objectives 10X, 40X, 100X(S, Oil)	√	√	√		
	Infinity metallurgical objectives 4X, 10X, 20X(S), 40X				√	√
Stage	Double Layer Mechanical Stage 242*172mm moving range 75*50mm				√	√
	Double Layer Mechanical Stage 135*140mm moving range 70*50mm	√	√	√		
Focusing	Coaxial coarse&fine focusing adjustment with rack and pinion mechanism fine focusing scale value 0.002mm	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W,	√	√	√	√	√
Filter	Blue, Green, Yellow	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√
Package Size	300*400*520mm	√	√	√	√	√
Gross Weight	12kg	√	√	√	√	√

Note: 110V/220V for LED lamp , 220V only for Halogen lamp

Metallogical Microscope



Technical Parameters:

Model		MM-5000
Optical System	Infinite optical system	√
Extra Wide Field Eyepiece	EW10×/22	√
	EW10×/20 eyepiece with scale of cross hair	√
	EW15×/16	√
	EW20×/12	●
Infinite LWD Plan Achromatic Objective	5×/0.12/∞/-(BF/DF) LWD 10mm	●
	10×/0.25/∞/-(BF/DF) LWD 10mm	√
	20×/0.4/∞/0(BF/DF) LWD 5mm	√
	50×/0.75/∞/0(BF/DF) LWD 1.3mm	√
	100×/0.9/∞/0(BF/DF) LWD 0.7mm	√
Viewing Head	Siedentopf binocular viewing head, Inclined at 30°, Interpupillary 48~75mm	√
Kohler Incident Light	12V/50W halogen light, center and brightness adjustable	√
	Polarizer and analyzer	√
	DIC	●
	Built-in green, blue, yellow, gray and ground glass	√
Focusing	Coaxial coarse and fine adjustment, fine division 2μm,	√
Nosepiece	Backward quintuple nosepiece	√
Stage	Double layer mechanical stage 226×178mm, Moving range 40mm×40mm	√
	Stage Φ16, Φ40, teardrop	√
Accessories	Specimen presser	●
	Photo/Video attachment	●
	0.01mm micrometer scale 0.01mm	√
	Lamp house adjustment objective	√
Power Supply	AC110/220V±10%, 50/60Hz	√
Package Size	730*350*550mm	√
Gross Weight	18kg	√

Note: √ Standard Outfit, ● Optional

Digital Microscope



Technical Parameters:

	Specification	Model				
		BXTV-1	BXTV-1A	BXTV-1B	BXM-1A	BXM-1B
Viewing Head	Sliding Trinocular Head Inclined at 45°	√	√			
	Compensation Free Trinocular Head inclined at 30°			√		
	10° LCD				√	√
Nosepiece	Ball Beating Quadruple Nosepiece	√	√	√	√	√
Eyeiece	WF10X/18mm	√	√	√	√	√
Objective	Achromatic 4X, 10X, 40X(S)100X(S, O)	√	√		√	√
	Plan Achromatic 4X, 10X, 40X(S)100X(S, O)			√	Optional	
Stage	Double Layer Mechanical Stage 135*140mm	√	√	√	√	√
Condenser	ABBE NA1.25 condenser with Iris Diaphragm &filter, rack&pinion adjustable	√	√	√	√	√
Illumination	Build-in Illumination, Halogen lamp 6V/20W, Power supply 90-230V	√	√	√	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√	√	√	√
Package	Cartoon with foam	√	√	√	√	√
Package Size	250*360*460mm	√	√	√	√	√
Gross Weight	8kg	√	√	√	√	√
Optional Accessory	Camera, Monitor	√	√	√	√	√

Image Sensor	1/3 SONY CCD	Video Output	BNC 1.0VP-P.75
Signal System	PAL/NTSC	Backlight Compensation	OFF/ON
Scanning frequency	Horizontal: 15.62KHz; Vertical: 50Hz	Electronic Shuttle	AUTO IRIS EE
Horizontal Resolution	480TV/520TV	Camera Interface	CS
Min Illumination	F1.2 0.5LUX; 0.01 LUX	Balance	Auto
Gain Control	Auto	Power	DC 12V
48S/N Ratio	50dB AGC		

Note: 110V/220V for LED lamp, 220V only for Halogen lamp

Stereo Zoom Microscope



Technical Parameters:

Model	Specifications	SZM-45	SZM-45T
Viewing Head	Binocular view head inclined at 60°	√	
	Trinocular view head inclined at 45°		√
	Digital view head inclined at 45°		√
Eyeiece	High point wide field adjustable eyepiece WF10X22mm	√	√
Zoom Objective	0.67X--4.5X	√	√
Zoom Ratio	6.7:1	√	√
Auxiliary Objective	0.5X/177mm,1.5X/47mm, 2X/26mm	√	√
Working Distance	115mm	√	√
Focusing Bracket	Focusing frame and adjustment knob	√	√
Interpupillary Distance	55-75mm/52-75mm	√	√
Up Illumination	12V/15W Inclined reflected halogen lamp	√	√
Down Illumination	12V/15W Halogen transmitted illumination	√	√
Power Supply	AC110/220V±10%, 50/60Hz	√	√
Package	Cartoon with foam	√	√
Package Size	500*260*370mm		
Gross Weight	8kg		

Model	ST-20	ST-40C	ST-60
Illumination	Natural light Binocular	Tranilluminator/inclined light	Natural light
View Head and Body	Straight Head	Inclined viewing Up-rotatable body	Inclined viewing Body 360°rotatable
Objective	2X inserted	2X&4X 90°rotated	2X&4X 360°rotated
Working Distance	80mm	57mm	100mm
Eyeiece	WF10X/20		
Power Supply	AC110/220V±10%, 50/60Hz		
Package Size	300*200*150mm	360*170*290mm	400*250*360mm
Gross Weight	3kg	6kg	8kg

Note: 110V/220V for LED lamp, 220V only for Halogen lamp