

Haisern



MICROSCOPE

天津海森仪器有限公司

地址：天津市南开区桂苑路7号A座

电话：0086 15712212038

网址：www.haisern.com

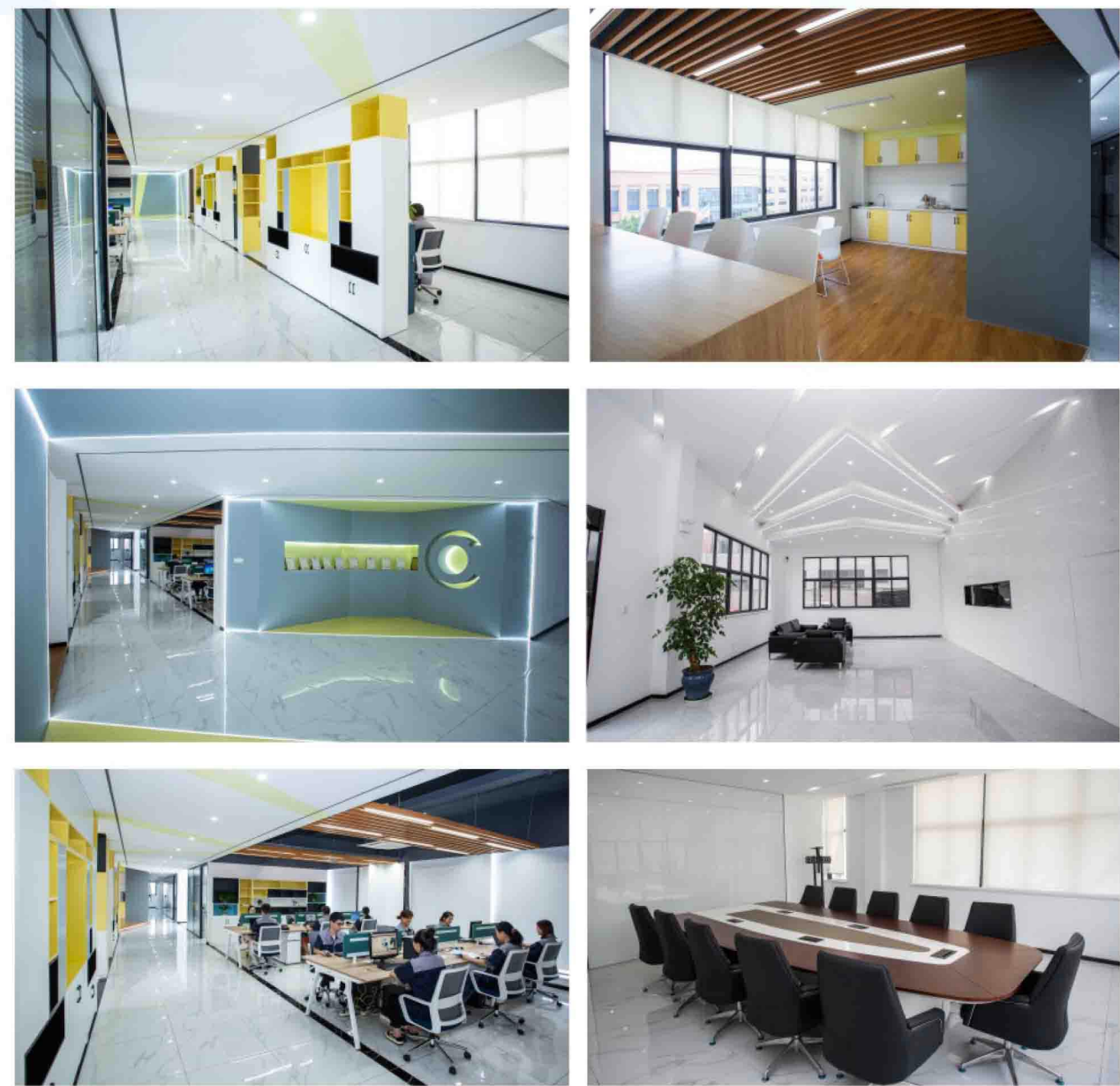
天津海森仪器有限公司

TIANJIN HAISERN INSTRUMENT CO., LTD

■ 办公环境 OFFICE ENVIRONMENT

提供最好的质量
最低的价格
实现双赢

Provide the best quality
Rock bottom price
It's win-win



■ 车间展示 SHOP DISPLAY



■ 仓库展示 WAREHOUSE DISPLAY

GD-800系列 三目生物显微镜

GD-800 Series Trinocular Biological Microscope



GD-800系列三目生物显微镜 | Haisern

GD-800 SERIES TRINOCULAR BIOLOGICAL MICROSCOPE



GD-800TM GD-800SMCCD GD-800SM GD-800E

技术参数 Specification		型号 Model			
		GD-800TM	GD-800SMCCD	GD-800SM	GD-800E
光学系统 Optical System	无限远光学系统 Infinity-corrected optical systems	•	•	•	•
目镜 Eyepiece	高眼点大视场目镜WF10X/22mm；屈光度可调节±5,镜筒Φ30mm WF10X/22mm high eye point wide field eyepiece; diopter adjustable ±5, tube diameter Φ30mm	•	•	•	•
物镜 Object lens	无限远平场物镜4X,10X,40X(S),100X(S,Oil) Infinity Plan objective 4X,10X,40X(S),100X(S,Oil)	•	•	•	•
观察头 Viewing head	铰链式三目头，30°倾斜，360°可转,带10.1寸显示屏 Trinocular head, 30°inclined, Interpupillary Distance 50-75mm, with 10.1inch diplay	•			
	铰链式三目头，30°倾斜，360°可转,带4K 高清工业相机 Trinocular head, 30°inclined, Interpupillary Distance 50-75mm, with 4K high definition camera		•		
	铰链式三目头，30°倾斜，360°可转 Trinocular head, 30°inclined, Interpupillary Distance 50-75mm			•	
	铰链式双目头，30°倾斜，360°可转 Binocular head, 30°inclined, Interpupillary Distance 50-75mm				•
转换器 Converter	向内四孔或五孔 Four or five holes inward	•	•	•	•
平台 Platform	220X148mm双层X轴钢丝传动机械移动平台，行程76X50mm，精度0.1mm，阻尼式双切片夹 220X148mm double-layer X-axis steel wire transmission mechanical moving platform, travel 76X50mm, accuracy 0.1mm, damping type double slice clamp	•	•	•	•
聚光镜 Condenser	阿贝式聚光镜组(可带相衬、暗场、偏光附件接口) Aplanatic condenser system (with phase contrast, dark field, polarizer ports interface)	•	•	•	•
调焦系统 Focusing	同轴粗微调焦机构，微调格值0.002mm Coaxial coarse focusing mechanism, micro-adjustment value 0.002mm	•	•	•	•
照明系统 Illumination	3W LED灯亮度连续可调的照明系统 3W LED light brightness continuously adjustable lighting system	•	•	•	•
可选构件 optional component	1. 相衬装置 2. 干式暗场聚光镜，油式暗场聚光镜 3. 偏光装置 4. 平场消色差物镜，无限远平场消色差物镜 5. 柯勒照明系统 6. 5W LED灯 1. Differential interference contrast device 3. Polarization device 2. Dry dark field condenser, oil dark field condenser 4. Plan achromatic objective, infinity plan achromatic objective 5. Köhler illumination system 6. 5W LED lamp	•	•	•	•

Haisern

SZM7045系列三目生物显微镜

SZM7045 SERIES TRINOCULAR BIOLOGICAL MICROSCOPE



SZM7045TD



SZM7045TSX



SZM7045TW

型号 MODEL	SZM7045TD	SZM7045TSX	SZM7045TW
光学倍率 Optical magnification	7-45X	7-45X	7-45X
	14-90X	14-90X	14-90X
	3.5X-180X	3.5X-180X	3.5X-180X
观察头 Viewing head	45°倾斜, 360°旋转, 瞳距调节范围54-76mm, 双边视度调节±5屈光度, 铰链式三目, 可选分光比0:100和2:8 45°decline, 360°rotate, pupil distance 54-76mm, Bilateral visual adjustment ±5, Hinged Trinocular, Optional splitting ratio 0:100 and 2:8		
目镜 Eyepiece	标准配置: WF10X20, 高眼点广角型目镜, 为佩戴眼镜的观察者提供方便 Standard WF10X20, High angle wide angle eyepiece, provide convenience for observers wearing glasses		
可选目镜 Optional eyepiece	WF10X20mm, WF15X15mm, WF20X10mm, WF25X9mm, WF30X8mm		
放大倍数 Magnification	标准配置: 7X-45X, 选配目镜和辅助物镜可扩展至2.1X-270X, 连续变倍 Standard 7X-45X, Optional and auxiliary lenses can be extended to 2.1X-270X, Continuous doubling		
物镜 Objective	0.7X-4.5X连续变倍, 物镜变倍比1: 6.4, 确保像面齐焦性 0.7X-4.5X Zoom Range, objective magnification ratio 1: 6.4, Ensure image alignment		
辅助物镜 Auxiliary Lens	0.3X, 0.5X, 0.7X, 1X, 1.5X, 2X 可选配 For option		
工作距离 Working distance	100mm		
调焦托架 Focus arm	内径76mm, 立柱孔径32mm 76mm Diameter, 32mm pole size		
底座 Base	B10立柱式大平板底座, 可选配其他底座 B10 column type large plate base, Other base can be selected	BL2立柱式LED灯底座, 可选配其他底座 BL2 pillar type LED lamp base, Other base can be selected	B1立柱式小平板底座(标配)可选配其他底座 B1 column type small flat base (Standard), Other base can be selected
照明 Illumination	可选配各种LED环形灯 Optional LED Illumination		
外型尺寸 Outward Size	200*273*280mm		
摄影目镜 Photographic eyepiece	1/2CTV, 1/3CTV, 0.35XCTV, 0.5XCTV, 1XCTV		

SZM7045 系列双目生物显微镜

SZM7045 SERIES BINOCULAR BIOLOGICAL MICROSCOPE

Haisern



SZM-7045



SZM-7045SX



SZM-7045L

型号 MODEL	SZM-7045	SZM-7045SX	SZM-7045L
光学倍率 Optical magnification	7-45X	7-45X	7-45X
	14-90X	14-90X	14-90X
	3.5X-180X	3.5X-180X	3.5X-180X
观察头 Viewing head	45°倾斜, 360°旋转双目头, 瞳距调节范围55-75mm, 调节屈光度±5 45° tilt, 360° rotating binocular head, interpupillary distance adjustment range 55-75mm, Adjust the refractive power ±5		
工作距离 Working distance	100mm左右 About 100mm		
物镜倍数 Objective magnification	0.7~4.5X 0.7-4.5X		
调焦托架 Focusing bracket	调焦镜架, 调焦手轮松紧可调, 升级范围50mm Focusing lens support, adjustable focus knob tension, upgraded range 50		
上光源 Top light source	LED可调光源 LED adjustable light source	LED可调光源 LED adjustable light source	LED可调光源 LED adjustable light source
下光源 Bottom light source	无 None	LED可调光源 LED adjustable light source	无 None
底座尺寸 Base size	200*255*22mm	200*255*60mm	300*400*20mm
底座类型 Base type	立柱式平板式底座 Columnar flat base	立柱式透射底座 Columnar transmission base	立柱式平板式底座 Columnar flat base



XSP-115SM

配置 CONFIGURATION	
消色差物镜 Achromatic objective	4X、10X、40X(弹簧) 4X、10X、40X (spring)
目镜 Eyepiece	大视场目镜WF10X、WF16X Wide field eyepieces WF10X、WF25X
观察头 Viewing head	三目头 Trinocular head,Inclined at 45°
载物台 Stage	简易平台带压片夹90mmX90mm Plain stage with moving scales , Stage size 90mmX90mm
聚光镜 Condenser	拨盘光栏 Disc diaphragm
调焦 Focusing	粗微动调焦 Coarse and fine Adjustment
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V
照明 Illumination	LED 上下光源 LED lamp with battery



XSP-117RT



XSP-117B

技术参数 Specification	型号 Model	
	XSP-117RT (单目)	XSP-117B(双目)
消色差物镜 Achromatic objective	4X、10X、40X(弹簧) 4X、10X、40X (spring)	4X、10X、40X(弹簧) 4X、10X、40X (spring)
目镜 Eyepiece	广角目镜WF10X,WF25X Eyepiece WF10X,WF25x	广角目镜WF10X,WF25X Eyepiece WF10X,WF25x
观察头 Viewing head	单目头45°倾斜 Monocular ,Inclined at 45°	双目头 Binocular head,Inclined at 45°
载物台 Stage	简易平台带压片夹90mmX90mm Plain stage with paired clips , Stage size 90mmX90mm	简易平台带压片夹90mmX90mm Plain stage with moving scales , Stage size 90mmX90mm
聚光镜 Condenser	拨盘光栏 Disc diaphragm	拨盘光栏 Disc diaphragm
调焦 Focusing	粗微动调焦 Coarse and fine Adjustment	粗微动调焦 Coarse and fine Adjustment
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V
照明 Illumination	LED 光源 LED lamp up and down with battery	LED 上下光源 LED lamp with battery

00系列 单目生物显微镜
00 series monocular biological microscope



XSP-01

00系列单目生物显微镜 | Haisern
00 SERIES MONOCULAR BIOLOGICAL MICROSCOPE



XSP-01



XSP-02



XSP-L101

技术参数 Specification		型号 Model		
		XSP-01	XSP-02	XSP-L101
消色差物镜 Viewing head	4X、10X、40X	•	•	
	5X、10X、45X (S)			•
目镜 Huygens eyepiecesng head	H10X、H12.5X	•		
	H10X、H16X		•	
	H5X、H10X、H15X			•
观察头 Viewing head	单目观察头 Monocular head	•	•	•
转换器 Nosepiece	三孔 Triple	•	•	•
载物台 Stage	单层平台，120mm×120mm，切片夹 Plain Stage with paired clips; Stage size:120mm*120mm	•	•	
	圆平台+压脚 Round Stage+Slide Clips			•
调焦 Focusing	粗调范围50mm，微调范围1.8-2.2mm Coarse adjustment range 50mm, Fine adjustment range 1.8-2.2mm	•	•	
	粗微分开调焦，微动距离1.4mm-1.8mm Separate Coarse And Fine Adjustment, Fine adjustment range 1.4mm-1.8mm			•
照明系统 Illumination	平凹反光镜Φ50mm（外接电光源LED灯选配） Concave-plan reflector Φ50mm (extra led lam optional)	•	•	•
聚光镜 Condenser	转盘光栏 Disc Diaphragm	•	•	•



XSP-03



XSP-04



XSP-05



XSP-06

技术参数 Specification		型号 Model			
		XSP-03	XSP-04	XSP-05	XSP-06
观察头 Viewing head	单目观察头 Monocular head	•	•	•	•
目镜 Huygens eyepiecesng head	H5X、H10X	•			
	H5X、H10X、H12.5X		•		
	H5X、H10X、H15X			•	
	H5X、H10X、H16X				•
消色差物镜 Achromatic objective	10X、40X、100X	•	•	•	•
载物台 Stage	单层平台，120mm×120mm，移动尺 Plain Stage with moving scale; Stage size:120mm*120mm	•	•	•	•
聚光镜 Condenser	阿贝式聚光镜，N.A=1.25带可变光栏和滤光片 N.A=1.25 Abbe condenser Iris diaphragm&fliter	•	•	•	•
粗调范围 Coarse adjustment range	50mm	•	•	•	•
微调范围 Fine adjustment range	1.8-2.2mm	•	•	•	•
照明 Illumination	平凹反光镜Φ50mm（外接电光源LED灯选配） Concave-plan reflector Φ50mm (extra led lam optional)	•	•	•	•

学生系列 显微镜

Students microscope series

性能 Microscope XSP-60

镜头采用优质光学玻璃，和专业医用显微镜一样，
高清晰消色差镜
目镜：16倍 物镜：4倍 10倍 40倍
高低适中聚焦轮便于儿童操作
上下2个LED灯，室内室外通用，LED灯泡寿命长达5万小时
使用三节AA电池

16X Eyepiece 4X, 10X, 40X Objectives
40X, 100X & 400X Magnification
Real optical glass lenses
Dual focusing knobs
2 LED lights, above and below
Uses 3AA Batteries (not included)





XSP-60



XSP-60 (2)



XSP-60 (3)

技术参数 Specification		型号 Model		
		XSP-60	XSP-60(2)	XSP-60(3)
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、(WF16X optional)	•	•	•
观察头 Viewing head	单目头45°倾斜 Monocular,Inclined at 45°	•	•	•
载物台 Stage	简易平台，平台尺寸90mmX90mm Plain stage ,Stage size 90mmX90mm	•	•	•
聚光镜 Condenser	拨盘光栏 N.A.0.65 Condenser with disc diaphragm N.A.0.65	•	•	•
调焦 Focusing	粗动调焦 Coarse focusing	•	•	•
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V	•	•	•
照明系统 Illumination	LED 光源 (带充电选配) LED lamp (Chargeble optinal)	•	•	•



XSP-102



XSP-102V

技术参数 Specification		型号 Model	
		XSP-102	XSP-102V
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、(WF16X optional)	•	•
观察头 Viewing head	单目观察头 Monocular head	•	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable		•
转换器 Nosepiece	三孔 Triple	•	•
载物台 Stage	简易平台带台带压片 Plain Stage with paired clips	•	
	简易平台带移动尺 Plain Stage with moving scale		•
调焦 Focusing	同轴粗微调，调焦范围 20mm Coaxial Coarse And Fine Adjustment,Focusing Range 20mm	•	•
聚光镜 Condenser	可变光栏 Variable light barrier	•	•
电源 Power	白炽灯6V/20W，220V或者110V (卤素灯6V/20W 选配，LED 灯选配) Incandescent lamp 6V/20W,220V OR 110V (Halogen lamp 6V/20W optional,LED lamp optional)	•	•

116系列 生物显微镜
The 116 series biological microscope



XSP-116L

116系列生物显微镜 | Haisern
THE 116 SERIES BIOLOGICAL MICROSCOPE



XSP-116B



XSP-116D



XSP-116L

技术参数 Specification		型号 Model		
		XSP-116B	XSP-116D	XSP-116L
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、 (WF16X optional)	•	•	•
观察头 Viewing head	铰链式双目头 Binocular head	•		
	单目头45°倾斜 Monocular,Inclined at 45°		•	•
载物台 Stage	简易平台带移动尺, 平台尺寸90mmX90mm Plain stage with moving scale,Stage size 90mmX90mm	•	•	
	简易平台, 平台尺寸90mmX90mm Plain stage ,Stage size 90mmX90mm			•
聚光镜 Condenser	拨盘光栏 N.A.0.65 Condenser with disc diaphragm N.A.0.65	•	•	•
调焦 Focusing	粗微调焦 Coarse and fine Adjustment	•	•	•
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V	•	•	•
照明系统 Illumination	LED 光源 (带充电选配) LED lamp (Chargeble optional)	•	•	•



XSP-116NL



XSP-116SM



XSP-116V

技术参数 Specification		型号 Model		
		XSP-116NL	XSP-116SM	XSP-116V
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、(WF16X optional)	•	•	•
观察头 Viewing head	单目头45°倾斜 Monocular,Inclined at 45°	•		
	三目头 Trinocular head		•	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable			•
载物台 Stage	简易平台, 平台尺寸90mmX90mm Plain stage ,Stage size 90mmX90mm	•		
	简易平台带移动尺, 平台尺寸90mmX90mm Plain stage with moving scale,Stage size 90mmX90mm		•	•
聚光镜 Condenser	拨盘光栏 N.A.0.65 Condenser with disc diaphragm N.A.0.65	•	•	•
调焦 Focusing	粗动调焦 Coarse Adjustment	•		
	粗微调焦 Coarse and fine Adjustment		•	•
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V	•	•	•
照明系统 Illumination	LED 光源 (带充电选配) LED lamp (Chargeble optinal)	•	•	•

100系列

多用途生物显微镜

The 100 series multi-purpose biological microscope



XSP-100SM

Haisern

100系列多用途生物显微镜
THE 100 SERIES MULTI-PURPOSE BIOLOGICAL MICROSCOPE



XSP-100D

XSP-100E

XSP-100SM

XSP-100V

技术参数 Specification		型号 Model			
		XSP-100D	XSP-100E	XSP-100SM	XSP-100V
消色差物镜 Viewing head	4X、10X、40X (弹簧)、100X (弹簧、油) 4X、10X、40X(S)、100X(S、Oil)	●	●	●	●
目镜 Huygens eyepiecesng head	大视场目镜: WF10X、(WF16X选购件) Wide Field Eyepiece:WF10X、(WF16X optional)	●	●	●	●
观察头 Viewing head	单目头 Monocular	●			
	铰链式双目头, 45°倾斜 Compensation Free Binocular Head Inclined at 45°		●		
	三目头 Trinocular head			●	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable				●
载物台 Stage	双层活动平台; 平台尺寸115X125mm Double Layer Mechanical Stage, Size 115X125mm	●	●	●	●
调焦 Focusing	同轴粗微调, 调焦范围30mm, 微调格值0.02mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.02mm	●	●	●	●
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	●	●	●	●
照明系统 Illumination	220V/6V20W或110V/6V20W卤素灯 (LED灯选配) Halogen Lamp 220V/6V20W or 110V/6V20W (LED lamp optional)	●	●	●	●

104系列生物显微镜

Haisern

THE 104 SERIES BIOLOGICAL MICROSCOPE



XSP-104

XSP-104V

技术参数 Specification		型号 Model	
		XSP-104	XSP-104V
消色差物镜 Viewing head	4X、10X、40X (弹簧)、100X (弹簧、油) 4X、10X、40X (S)、100X(S、Oil)	●	●
目镜 Huygens eyepiecesng head	大视场目镜: WF10X、(WF16X选购件) Wide Field Eyepiece:WF10X、(WF16X optional)	●	●
观察头 Viewing head	单目头 Monocular	●	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable		●
载物台 Stage	双层活动平台; 平台尺寸115X125mm Double Layer Mechanical Stage, Size 115X125mm	●	●
调焦 Focusing	同轴粗微调, 调焦范围30mm, 微调格值0.02mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.02mm	●	●
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	●	●
照明系统 Illumination	白炽灯6V/20W, 220V或者110V (卤素灯6V/20W选配, LED 灯选配) Incandescent lamp 6V/20W,220V OR 110V (Halogen lamp 6V/20W optional,LED lamp optional)	●	●

Haisern

200系列多用途生物显微镜

THE 200 SERIES MULTI-PURPOSE BIOLOGICAL MICROSCOPE



XSP-200D

XSP-200E

XSP-200SM

XSP-200V

技术参数 Specification		型号 Model			
		XSP-200D	XSP-200E	XSP-200SM	XSP-200V
消色差物镜 Viewing head	4X、10X、40X（弹簧）、100X（弹簧、油） 4X、10X、40X(S)、100X(S、Oil)	•	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜：WF10X、（WF16X选购件） Wide Field Eyepiece:WF10X、(WF16X optional)	•	•	•	•
观察头 Viewing head	单目头 Monocular	•			
	铰链式双目头，45°倾斜 Compensation Free Binocular Head Inclined at 45°		•		
	三目头 Trinocular head			•	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable				•
载物台 Stage	双层活动平台；平台尺寸115X125mm Double Layer Mechanical Stage, Size 115X125mm	•	•	•	•
调焦 Focusing	同轴粗微调，调焦范围30mm，微调格值0.02mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.02mm	•	•	•	•
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	•	•	•	•
照明系统 Illumination	220V/6V20W或110V/6V20W卤素灯（LED灯选配） Halogen Lamp 220V/6V20W or 110V/6V20W (LED lamp optional)	•	•	•	•

300系列 多用途生物显微镜

The 300 series multi-purpose biological microscope



XSP-300E

Haisern

300系列多用途生物显微镜

THE 300 SERIES MULTI-PURPOSE BIOLOGICAL MICROSCOPE



XSP-300D

XSP-300E

XSP-300SM

XSP-300V

技术参数 Specification		型号 Model			
		XSP-300D	XSP-300E	XSP-300SM	XSP-300V
消色差物镜 Viewing head	4X、10X、40X（弹簧）、100X（弹簧、油） 4X、10X、40X(S)、100X(S、Oil)	•	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜：WF10X、（WF16X选购件） Wide Field Eyepiece:WF10X、(WF16X optional)	•	•	•	•
观察头 Viewing head	单目头 Monocular	•			
	铰链式双目头，45°倾斜 Compensation Free Binocular Head Inclined at 45°		•		
	三目头 Trinocular head			•	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable				•
载物台 Stage	双层活动平台；平台尺寸115X125mm Double Layer Mechanical Stage, Size 115X125mm	•	•	•	•
调焦 Focusing	同轴粗微调，调焦范围30mm，微调格值0.002mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.002mm	•	•	•	•
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	•	•	•	•
照明系统 Illumination	LED 1W灯220V或110V（卤素灯6V/20W选配，LED 3W选配） LED(1W) Lamp 220V or 110V;(LED 3W lamp optional, Halogen bulb 6V/20W optional)	•	•	•	•

107系列

多用途生物显微镜

The 107 series multi-purpose biological microscope



XSZ-107BN



技术参数 Specification		型号 Model		
		XSZ-107	XSZ-107BN	XSZ-107D
消色差物镜 Viewing head	4X、10X、40X（弹簧）、100X（弹簧、油） 4X、10X、40X(S)、100X(S、Oil)	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜：WF10X、（WF16X选购件） Wide Field Eyepiece:WF10X、(WF16X optional)	•	•	•
观察头 Viewing head	铰链式双目头 Compensation Free Binocular Head	•		
	平移式双目头，45°倾斜 Sliding Binocular Head Inclined at 45°		•	
	单目头 Monocular			•
载物台 Stage	双层活动平台；尺寸132X140mm， 移动范围75X45mm Double Layer Mechanical Stage Size 132X140mm,Moving Range 75X45mm	•	•	•
调焦 Focusing	同轴粗微调，调焦范围30mm，微调格值0.002mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.002mm	•	•	•
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	•	•	•
照明系统 Illumination	220V/6V20W或110V/6V20W卤素灯（LED灯选配） Halogen Lamp 220V/6V20W or 110V/6V20W (LED lamp optional)	•	•	•



技术参数 Specification		型号 Model		
		XSZ-107SM	XSZ-107V	XSZ-N107
消色差物镜 Viewing head	4X、10X、40X（弹簧）、100X（弹簧、油） 4X、10X、40X(S)、100X(S、Oil)	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜：WF10X、（WF16X选购件） Wide Field Eyepiece:WF10X、(WF16X optional)	•	•	•
观察头 Viewing head	铰链式三目头 Compensation Free Trinocular Head	•		
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable		•	
	平移式双目头，45°倾斜 Sliding Binocular Head Inclined at 45°			•
载物台 Stage	双层活动平台；尺寸132X140mm， 移动范围75X45mm Double Layer Mechanical Stage Size 132X140mm,Moving Range 75X45mm	•	•	•
调焦 Focusing	同轴粗微调，调焦范围30mm，微调格值0.002mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.002mm	•	•	•
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter	•	•	•
照明系统 Illumination	220V/6V20W或110V/6V20W卤素灯（LED灯选配） Halogen Lamp 220V/6V20W or 110V/6V20W (LED lamp optional)	•	•	•

500系列 多用途生物显微镜
The 500 series multi-purpose biological microscope



XSP-500E

500系列多用途生物显微镜 | Haisern
THE 500 SERIES MULTI-PURPOSE BIOLOGICAL MICROSCOPE



XSP-500D

XSP-500E

XSP-500SM

XSP-500V

技术参数 Specification	型号 Model			
	XSP-500D	XSP-500E	XSP-500SM	XSP-500V
消色差物镜 Viewing head	4X、10X、40X (弹簧)、100X (弹簧、油) 4X、10X、40X(S)、100X(S、Oil)			
目镜 Huygens eyepiecesng head	大视场目镜: WF10X、(WF16X选购件) Wide Field Eyepiece:WF10X、(WF16X optional)			
观察头 Viewing head	单目头, 30°倾斜 Monocular,Inclined at 30°			
	铰链式双目头, 30°倾斜 Compensation Free Binocular Head Inclined at 30°			
	三目头 Trinocular head			
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable			
载物台 Stage	双层活动平台; 平台尺寸120X125mm Double Layer Mechanical Stage, Size 120X125mm			
调焦 Focusing	同轴粗微调, 调焦范围30mm, 微调格值0.002mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm, Focusing Interval 0.002mm			
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片 Abbe NA=1.25 with Iris Diaphragm&Filter			
照明系统 Illumination	LED 1W灯220V或110V (卤素灯6V/20W选配, LED 3W选配) LED(1W) Lamp 220V or 110V;(LED 3W lamp optional, Halogen bulb 6V/20W optional)			



XSP-500P(偏光)

技术参数 Specification		型号 Model
		XSP-500P(偏光)
消色差物镜 Viewing head	4X、10X、40X（弹簧）、100X（弹簧、油） 4X、10X、40X(S)、100X(S、Oil)	●
数值孔径 Numerical aperture	0.1、0.25、0.65、1.25	●
工作距离 Working Distance	37.5MM、7.31MM、0.63MM、0.18MM	●
放大倍率 Magnification factor	10X、16X(选配) 10X、16X(optional)	●
视场直径 Field diameter	Φ18MM、Φ11MM	●

- 1、宽视野平场目镜WF10X(选配WF16X)，视场18mm；

2、45mm DIN消色差物镜 4X,10X,40X(s),100X(s,oil)；

3、直径Φ160mm,360°旋转载物圆工作台，刻度格值1°，游标格值6′；

4、粗微动同轴，调焦范围:14mm,微调精度:0.01mm；

5、Φ2-Φ30mm可变光栏带φ32滤色片；

- 1、Wide field flat field eyepiece WF10X(optional WF16X), field of view 18mm;

2、45mm DIN achromatic objective lens 4X,10X,40X(S),100X(S,oil);

3、diameter Φ 160mm,360° rotating load round table, scale cell value 1°, cursor cell value 6′;

4、coarse fretting coaxial, focusing range :14mm, fine-tuning accuracy :0.01mm;

5、Φ 2- Φ 30mm variable light bar with φ 32 filter;

6. N.A.1.25 Abbe condenser;

- 6、N.A.1.25阿贝聚光镜；

7、0°-90°转动式检偏器；可移出光路；

8、可移出光路的勃氏镜；

9、光程补偿器：λ试板（一级红），1/4λ试板，石英楔子试板；

10、位于平台下的起偏装置，0位可以调节，360°可转；

11、内置调光 1W LED 灯；

- 7、0°-90° rotary polarizer; Can be moved out of the light path;

8、can be moved out of the light path of the Burr mirror;

9、optical path compensator: λ test plate (a red), 1/4 λ test plate, quartz wedge test plate;

10、under the platform of the deflection device, 0 can be adjusted, 360° can be turned;

11、built-in dimming 1W LED lamp;



技术参数 Specification		型号 Model
		XPG-01SM
目镜 Huygens eyepiecesng head	高眼点，超大视野目镜:WF10X Wide Field Eyepiece : WF10X	●
物镜 Objective	195荧光物镜4X、10X、40X、100X 195 Fiuorescent objective 4X、10X、40X(S)、100X(S、Oil)	●
观察头 Viewing head	铰链式双目头，30°倾斜 Compensation Free Binocular Head Inclined at 30°	●
载物台 Stage	双层活动平台;尺寸140×140mm,移动范围75X50mm 游标刻度0.1mm Double Layer Mechanical Stage Size140X140mm,Moving Range 75X50mm	●
调焦 Focusing	同轴粗微调，调焦范围30mm，微调格值0.02mm Coaxial Coarse and Fine Adjustment,Focusing Range 30mm,Focusing Interval 0.02mm	●
聚光镜 Condenser	NA=1.25阿贝聚光镜带可变光栏和滤色片,托架及蓝色滤色片，可更换暗场聚光镜 Abbe NA=1.25 with Iris Diaphragm&Filter changeable abledarkfield condenser	●
照明系统 Illumination	落射及科勒照明,带孔径可变光栏和视场可变光栏 Epi-Kohler illumination with aperture iris diaphragm and field iris diaphragm	●
偏光装置 Polarizing outfit	内置式起偏和检偏系统 Built-in polarizer and analyzer system	●
明暗场装置 Bright/dark viewing fiel system	内置明暗场切换拉杆 Built-in bright & dark viewing field switch	●
荧光镜盒 Fluoroscope box	B,G波段 B,G Wave band	●
电源 Power	落射照明220V（110V）100W汞灯,电源箱指针或数字显示,透射照明10V、30W卤素灯 Epi-illumination,220(110)V/100W Mercury lamp. Pointer or digital display power supply box.Transmission illumination. 12V/3oW halogen bulb	●



技术参数 Specification		型号 Model			
		PH-2200D	PH-2000E	PH-2000SM	PH-2000V
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•	•	•	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、(WF16X optional)	•	•	•	•
观察头 Viewing head	单目头45°倾斜 Monocular,Inclined at 45°	•			
	铰链式双目头，30°倾斜 Compensation Free Binocular Head Inclined at 30°		•		
	三目头 Trinocular head			•	
	示教头 Dual viewing head, one tube 30°,inclined and another tube vertical,360°rotatable				•
载物台 Stage	简易平台，平台尺寸110mmX120mm Plain stage ,Stage size 110mmX120mm	•	•	•	•
聚光镜 Condenser	拨盘光栏 N.A.0.65 Condenser with disc diaphragm N.A.0.65	•	•	•	•
调焦 Focusing	粗微调焦 Coarse and fine Adjustment	•	•	•	•
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC output 6V	•	•	•	•
照明系统 Illumination	LED 光源（带充电选配） LED lamp (Chargeble optinal)	•	•	•	•



技术参数 Specification		型号 Model
		XSP-60B
消色差物镜 Viewing head	4X、10X、40X	•
放大倍率 Magnification factor	40X-1000X	•
目镜 Huygens eyepiecesng head	10X、25X广角目镜 10X、25Xwide-angle eyepiece	•
观察头 Viewing head	双目头 Binocular head	•
照明系统 Illumination	LED灯(上下光源) LED light (upper and lower light source)	•
电源供给 Power supply	3.0V (3节5号电池) 3.0V (3 no. 5 batteries)	•



XSP-113RT



XSP-115RT

技术参数 Specification		型号 Model	
		XSP-113RT	XSP-115RT
消色差物镜 Viewing head	4X、10X、40X	•	•
放大倍率 Magnification factor	40X-1000X	•	•
目镜 Huygens eyepiecesng head	大视场目镜：WF10X、25X广角目镜 Wide Field Eyepiece:WF10X、Wide-angle eyepiece	•	•
观察头 Viewing head	单目头 Monocular	•	
	双目头 Binocular head		•
照明系统 Illumination	LED灯(上下光源) LED light (upper and lower light source)	•	•
电源供给 Power supply	3.0V (3节5号电池) 3.0V (3 no. 5 batteries)	•	•



技术参数 Specification		型号 Model
		视频显微镜 Video Microscope
消色差物镜 Viewing head	4X、10X、40X(弹簧) 4X、10X、40X (spring)	•
目镜 Huygens eyepiecesng head	大视场目镜WF10X、(WF16X 选配) Wide field eyepieces WF10X、(WF16X optional)	•
观察头 Viewing head	显示屏 Display screen	•
载物台 Stage	简易平台带移动尺，平台尺寸90mmX90mm Plain stage with moving scale,Stage size 90mmX90mm	•
聚光镜 Condenser	拨盘光栏 N.A.0.65 Condenser with disc diaphragm N.A.0.65	
调焦 Focusing	粗微调焦 Coarse and fine Adjustment	•
电源 Power	220V 或 110V 交流输入 AC Input 220V or 110V,DC ouput 6V	•
照明系统 Illumination	LED 光源 (带充电选配) LED lamp (Chargeble optinal)	•



4XA



4XB

技术参数 Specification		型号 Model	
		4XA	4XB
消色差物镜 Viewing head	10X、100×(弹簧、油) 10X、100X (S、Oil)	•	•
全平场消色差物镜 Plan-Achromatic Objective	40X	•	•
目镜 Huygens eyepiecesng head	大视场目镜:WF10X、WF12.5X Wide Field Eyepiece:WF10X、WF12.5X	•	•
观察头 Viewing head	单目头,45°倾斜 Monocular Head Inclined at 45°	•	
	拉板式双目头,45°倾斜 Sliding Bincular Head Inclined 45°		•
载物台 Stage	双层活动平台; 平台尺寸175×135mm Double Layer Mechanical Stage, Size 175×135mm	•	•
调焦 Focusing	同轴粗微调, 调焦范围30mm, 微调格值0.02mm Coaxial Coarse and Fine Adjustment, Focusing Range 30mm, Focusing Interval 0.02mm	•	•
载玻片 Object plate	15mm (20mm和42mm选配) 15mm (20mm and 42mm optional)	•	
照明系统 Illumination	220V/6V20W或110V/6V20W卤素灯 Halogen Lamp 220V/6V20W or 110V/6V20W	•	•



技术参数 Specification		型号 Model
		金相三目4XC Trinocular Inverted Metallurgical Microscope 4xc
目镜 Huygens eyepiecesng head	大视野 Wide field WF10X(Φ18mm)	•
物镜 Objective	长距平场消色差物镜(无盖玻片)PL10X/0.25 Plan achromatic objectives with long workingdistance (no cover glass)PL10X/0.25	•
	长距平场消色差物镜(无盖玻片)PL L20X/0.40 Plan achromatic objectives with long workingdistance (no cover glass)PL L20X/0.40	•
	长距平场消色差物镜(无盖玻片)PL L40X/0.60 Plan achromatic objectives with long workingdistance (no cover glass)PL L40X/0.60	•
	长距平场消色差物镜(无盖玻片)PL 100X/1.25(弹簧,油) Plan achromatic objectives with long workingdistance (no cover glass)PL 100X/1.25(Spring, oil)	•
目镜筒 Eyepieces tube	三目镜,倾斜30° Trinocular, Inclination of 30°	•
滤色片 Filter	磨砂玻璃 Frosted filter	•
	蓝滤色片 Blue filter	•
	绿滤色片 Green filter	•
	黄滤色片 Yellow filter	•
调焦机构 Focus system	粗微调同轴调焦,微调格值:2u m,粗动松紧可调,带锁紧和限位装置 Coaxial coarse/fine focus system, with tensionaladjustable and up stop, minimum division of finefocusing: 2 um.	•
转换器 Nosepiece	四孔(滚珠内定位) Quadruple(Ball bearing inner locating)	•
载物台 Stage	双层机械移动式(尺寸:180mm×150mm,移动范围:15mmX15mm) Double layer mechanical (Size:180mm×150mm,moving range: 15mm×15mm)	•
照明系统 Illumination	6V 20W卤素灯,亮度可调 6V 20W halogen lamp, brightness control.	•