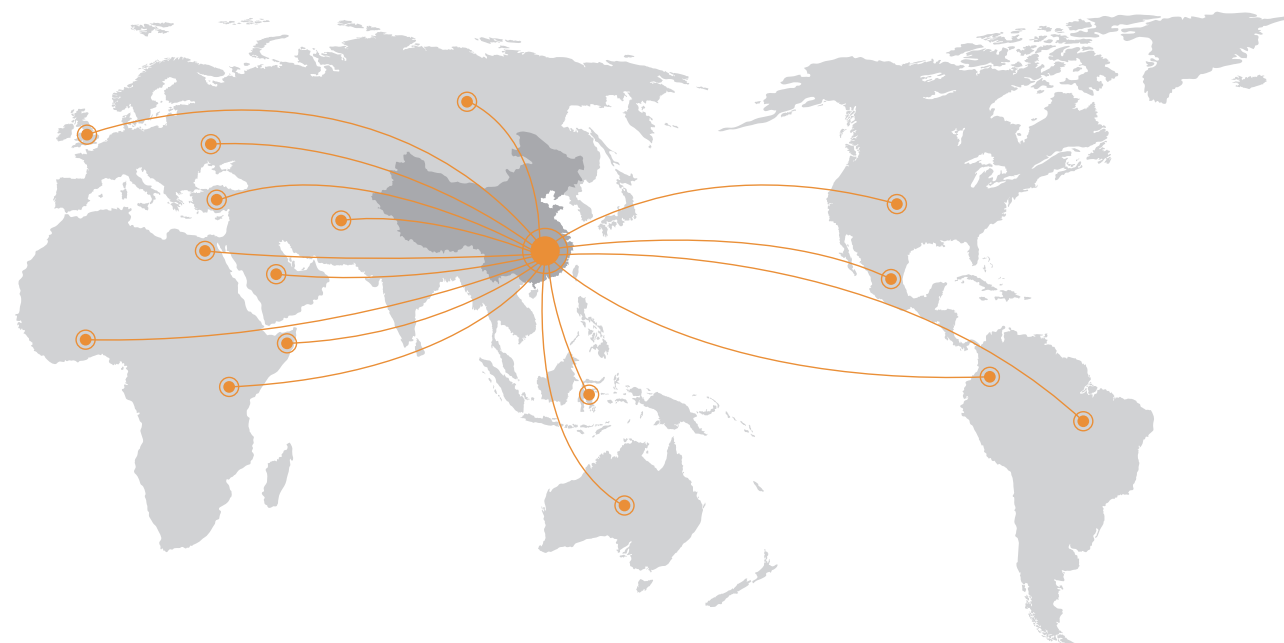




SiInher®



SiInher®

宁波盛恒光电有限公司
NINGBO SHENGHENG OPTICS & ELECTRONICS CO.,LTD

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Professional manufacturer of Microscope

A NAVITE COMPANY

SiInher®

Version 2025



宁波盛恒光电有限公司
NINGBO SHENGHENG OPTICS & ELECTRONICS CO.,LTD



工厂环境 / Factory Environment



公司简介 / Company Profile

盛恒光电，匠心制造。

SINHER MICROSCOPES. MASTERFULLY MADE

宁波盛恒光电有限公司成立于2000年，是一家集研发、生产、销售于一体的高新技术企业。公司专注于生物显微镜、体视显微镜、分析仪器、计量仪器及测绘仪器的制造，拥有180余台精密数控加工设备完整的光学镜片研磨、镀膜生产线，年产能达生物显微镜6万台、体视显微镜2万台。

公司技术实力雄厚，汇聚了一批光电仪器领域的高级工程师和熟练技术团队，并与高校、科研院所保持紧密合作。通过ISO9001质量管理体系、ISO13485医疗器械管理体系、ISO14001环境管理体系及OHSAS18001职业健康安全管理体系认证，产品符合CE、GS国际标准，并持有医疗器械生产备案证。

盛恒光电以卓越品质赢得全球客户信赖，产品远销海外。公司位于宁波市高桥镇工业园区，交通便利，诚邀国内外合作伙伴共谋发展。

NINGBO SHENGHENG OPTICS & ELECTRONICS CO., LTD was established in 2000 and is a high-tech enterprise integrating R&D, production and sales. The company specializes in the manufacturing of biological microscopes, stereomicroscopes, analytical instruments, metrological instruments and surveying instruments. It is equipped with over 180 sets of precision CNC processing equipment and a complete optical lens grinding and coating production line, with an annual production capacity of 60,000 biological microscopes and 20,000 stereomicroscopes.

The company has strong technical strength, gathering a group of senior engineers and skilled technical teams in the field of optoelectronic instruments, and maintaining close cooperation with universities and research institutes. And obtained ISO9001:2015, ISO13485, ISO14001 and OHSAS18001 certificate. Our products comply with CE and GS international standards and we hold the medical device production filing certificate.

We won the trust of global customers with outstanding quality and our products are exported to the worldwide. Our factory is located in Gao Qiao Industrial Estate Ningbo China, with convenient transportation. We sincerely invite domestic and foreign partners to cooperate and create a bright future.

CNC Center/ 加工中心



Assembly Shop/ 装配车间



Inspection & Packing/ 检验包装

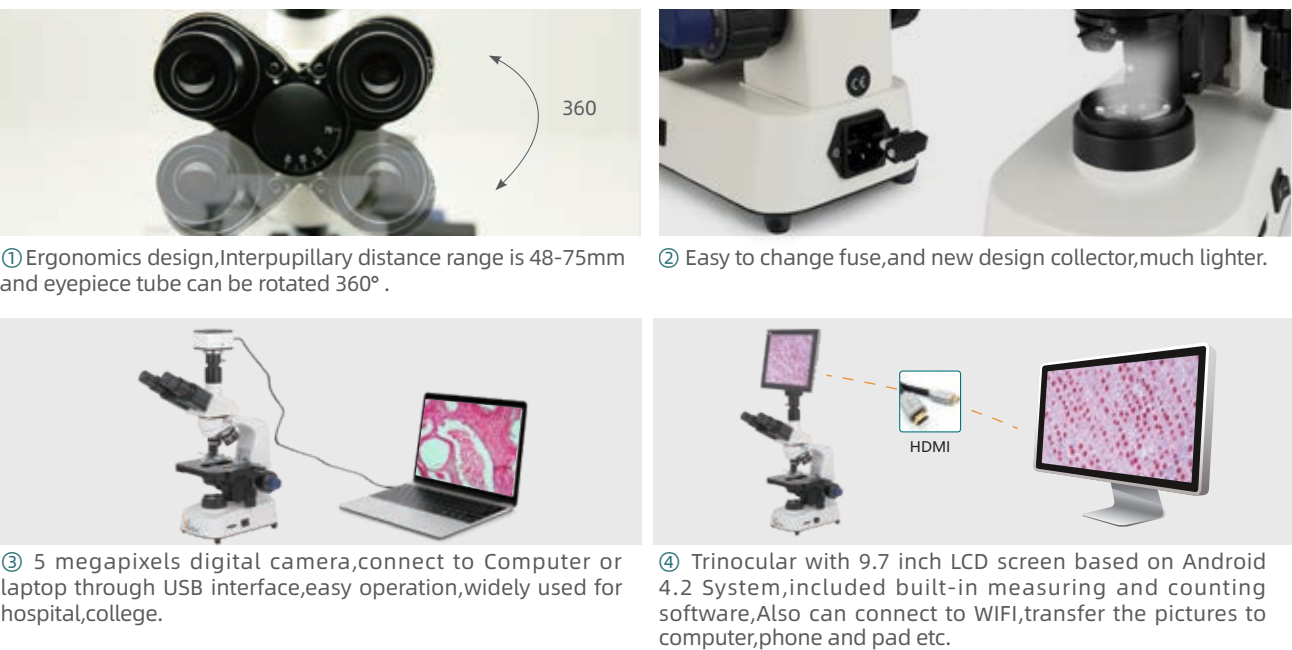


2000 公司成立于 2000 年 The company was established in 2000	180+ 各类加工设备 180 余台 More than 180 processing equipments	58+ 销售国家 58+ Sales countries Over 58+	80000+ 年产量 80000+ The annual production over 80000+
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• 资质认证 / Certification



XSZ-N117A系列生物显微镜 /XSZ-N117A SERIES BIOLOGICAL MICROSCOPE



① Ergonomics design,Interpupillary distance range is 48-75mm and eyepiece tube can be rotated 360° .

② Easy to change fuse,and new design collector,much lighter.

③ 5 megapixels digital camera,connect to Computer or laptop through USB interface,easy operation,widely used for hospital,college.

④ Trinocular with 9.7 inch LCD screen based on Android 4.2 System,included built-in measuring and counting software,Also can connect to WIFI,transfer the pictures to computer,phone and pad etc.

项目 ITEMS	规格 SPECIFICATION	XSZ-N117A	XSZ-N117AIII	XSZ-N117AM
目镜 Eyepiece	WF 10X/18mm WF 16X	●	●	●
物镜 Objective	消色差 4X、10X、40X (弹簧)、100X (弹簧, 油) Achromatic 4X、10X、40X (S)、100X (S,OIL) 平场 4X、10X、40X (弹簧)、100X (弹簧, 油) Plan 4X、10X、40X (S)、100X (S,OIL)	●	●	●
观察头 Viewing Head	单目头 30°倾斜, 360°可旋转, Monocular Head, Inclined 30° ,Rotatable 360° 双目头 30°倾斜, 360° 可旋转,瞳距 48-75mm Binocular Head, Inclined 30° , Rotatable 360° , Interpupillary Distance: 48-75mm 三目头 30°倾斜, 360° 可旋转, 瞳距 48-75mm Trinocular Head, Inclined 30° , Rotatable 360° , Interpupillary Distance: 48-75mm	●	●	●
转换器 Nosepiece	四孔 Quadruple	●	●	●
载物台 Mechanical Stage	双层移动机械平台, 尺寸 : 140x140mm, 移动范围 : 75x50mm Double Layer Mechanical Stage Size: 140x140mm, Moving range: 75x50mm	●	●	●
聚光镜 Condenser	阿贝聚光镜 NA1.25 带可变光栏 Abbe Condenser N.A1.25 with Iris Diaphragm	●	●	●
暗场聚光环 Dark Field Ring	用于 4x-40x 物镜 Available For 4x-40x Objective	○	○	○
调焦 Focusing	同轴粗微调,粗调焦范围 30mm,微调格值 2μm Coaxial Coarse and Fine Adjustment, Coarse Focusing Range 30mm, Fine Focusing Interval 2μm	●	●	●
照明系统 Illumination	6V/20W 卤素灯 6V/20W Halogen Lamp LED 灯 LED Light	○	○	○
相机接口 C-mount	1x 0.5x		○	
相机配件 Camera Accessories	5.0 megapixel digital camera 7.0 inch LCD SCREEN 9.7 inch touch LCD SCREEN		○	○

注 / Note: ●标准配置 /Standard Outfit ○选购配置 /Optional

泡沫包装尺寸 / Foam Packing Size: 390mm×260mm×490mm 毛重 / Gross Weight: 7 kgs 净重 / Net Weight: 6 kgs

XSZ-25系列生物显微镜 /XSZ-25 SERIES BIOLOGICAL MICROSCOPE

生物显微镜
Biological Microscope

荧光显微镜
Fluorescence Microscope

倒置显微镜
Inverted Microscope

精子分析仪/阴道镜
Sperm Analyzer / Colposcope

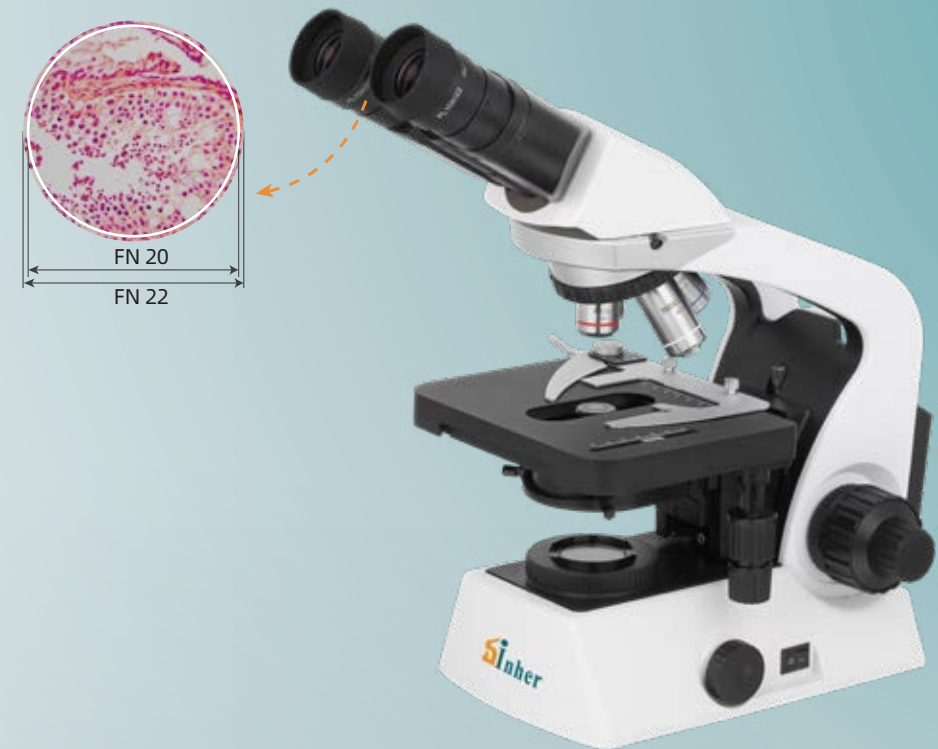
体视显微镜
Stereo Microscope

一滴血显微镜
Blood Analysis Microscope

数码相机视屏
Digital Camera Screen

清洗喷枪/空压机
Cleaning Spray Gun / Compressor

配件
Accessories



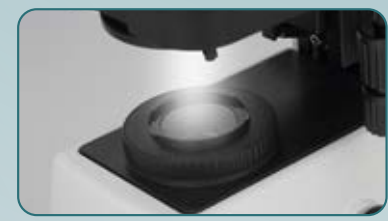
▲ XSZ-2508



▲ XSZ-2508III



Cable Storage



Kohler Illumination 3W LED



182x140mm

生物显微镜
Biological Microscope

荧光显微镜
Fluorescence Microscope

倒置显微镜
Inverted Microscope

精子分析仪/阴道镜
Sperm Analyzer / Colposcope

体视显微镜
Stereo Microscope

一滴血显微镜
Blood Analysis Microscope

数码相机视屏
Digital Camera Screen

清洗喷枪/空压机
Cleaning Spray Gun / Compressor

配件
Accessories



Fluorescence Unit

Mercury Lamp

Center Adjustable

Metallurgical Unit 5W LED

项目 ITEMS	规格 SPECIFICATION	XSZ-2508	XSZ-2508III
光学系统 Optical System	无限远光学系统 Infinity Optical System	●	●
目镜 Eyepiece	WF 10X/22mm WF 16X	● ○	● ○
物镜 Objective	无限远消色差 4X、10X、40X (弹簧),100X (弹簧, 油) Infinity Achromatic 4X、10X、40X (S)、100X (S, OIL) 无限远平场 4X、10X、40X (弹簧),100X (弹簧, 油) Infinity Plan 4X、10X、40X (S)、100X (S, OIL) 无限远平场金相物镜 5X、10X、20X、50X Infinity Plan Metallurgical objctive 5X、10X、20X、50X	○ ● ● ○	○ ● ● ○
观察头 Viewing Head	双目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Binocular Head, Inclined 30°, Rotatable 360° , Interpupillary Distance: 48-75mm 三目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Trinocular Head, Inclined 30°, Rotatable 360° , Interpupillary Distance: 48-75mm	● 	 ●
转换器 Nosepiece	四孔 Quadruple 五孔 Quintuple	● ○	● ○
载物台 Mechanical Stage	尺寸 : 182X140mm, 移动范围 : 76x50mm Size : 182X140mm, Moving range: 76x50mm 双层移动机械金属平台 : 210mmx140mm, 移动范围 : 75x50mm (玻璃工作台尺寸 : 128mmx86mm) Size : 210mmx140mm,moving range : 75x50mm(Glass stage:128mmx86mm)	● ○ 	● ○
聚光镜 Condenser	阿贝聚光镜 NA 1.25 带可变光栏 Abbe Condenser N.A 1.25 with Iris Diaphragm	●	●
调焦 Focusing	载物台垂直运动, 粗调行程 26mm, 微调格值 2μm Stage height adjustment mechanism Coaxial Coarse range 26mm, Fine adjustment Interval 2μm	●	●
照明系统 Illumination	科勒照明 3W LED Kohler Illumination 3W LED	●	●
EPI 荧光照明装置 Epi Fluorescence Illumination	EPI荧光装置, 视场光阑, 中心可调。 Epi fluorescence unit , field diaphragm , center adjustable. 100W汞灯或者5WLED光源可供选择。 100W mercury lamp or 5W-LED fluorescence lamp can be chosen B, G, V,UV 四组荧光滤片可供选择。 B, G, V, UV fluorescence filters can be chosen. 数字汞灯或LED灯电源箱 (输入电压: 100-240V)。 Digital mercury or LED lamp power box (input voltage:100V ~ 240V)	○ ○ ○ ○	○ ○ ○ ○
金相装置 Metallurgical Unit	5W LED 金相照明 5W LED Metallurgical lamp	○	○

注 / Note: ●标准配置 /Standard Outfit ○选购配置 /Optional
泡沫包装尺寸 / Foam Packing Size: 440mm×410mm×305mm 毛重 / Gross Weight: 11 kgs 净重 / Net Weight: 9 kgs

XSZ-BK 系列生物显微镜 /XSZ-BK SERIES BIOLOGICAL MICROSCOPE



项目 ITEMS	规格 SPECIFICATION	XSZ-BK2003	XSZ-BK2003T
目镜 Eyepiece	WF 10X/18mm	●	●
	WF 10X/20mm	○	○
	WF 16X	○	○
物镜 Objective	消色差 4X、10X、40X (弹簧)、100X(弹簧, 油) Achromatic 4X、10X、40X (S)、100X (S, OIL)	●	●
	平场 4X、10X、40X (弹簧)、100X(弹簧, 油) Plan 4X、10X、40X (S)、100X (S, OIL)	○	○
	无限远 E 平场 4X、10X、40X (弹簧)、100X(弹簧, 油) Infinity EPlan 4X、10X、40X (S)、100X (S, OIL)	○	○
	无限远平场 4X、10X、40X (弹簧)、100X(弹簧, 油) Infinity Plan 4X、10X、40X (S)、100X (S, OIL)	○	○
观察头 Viewing Head	双目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Binocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm	●	
	三目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Trinocular Head, Inclined 30°, Rotatable 360°, Interpupillary Distance 48-75mm		●
转换器 Nosepiece	四孔 Quadruple	●	●
载物台 Mechanical Stage	尺寸 : 145x140mm, 移动范围 : 76x52mm 游标刻度 0.1mm	●	●
	Size: 145x140mm, Travel Range: 76x52mm Scale 0.1mm		
聚光镜 Condenser	阿贝聚光镜 NA 1.25 带可变光栏 Abbe Condenser N.A 1.25 with Iris Diaphragm	●	●
调焦 Focusing	同轴粗微调焦, 调焦范围 26mm, 微调格值 2μm	●	●
	Coaxial Coarse and Fine Focusing Knobs Travel Range: 26mm, Scale: 2μm		
照明系统 Illumination	3 瓦 LED 灯 3W LED Illumination	○	○
可选配件 Optional Parts	荧光装置 Fluorescence Unit	○	○
	相衬装置 Phase Contrast Unit	○	○
	偏光装置 Polarizing Unit	○	○
相机接口 C-mount	1x		●
	0.5x		○

注 / Note: ●标准配置 / Standard Outfit ○选购配置 / Optional

泡沫包装尺寸 / Foam Packing Size: 390mmx280mmx450mm 毛重 / Gross Weight: 7.5 kgs 净重 / Net Weight: 6.5 kgs



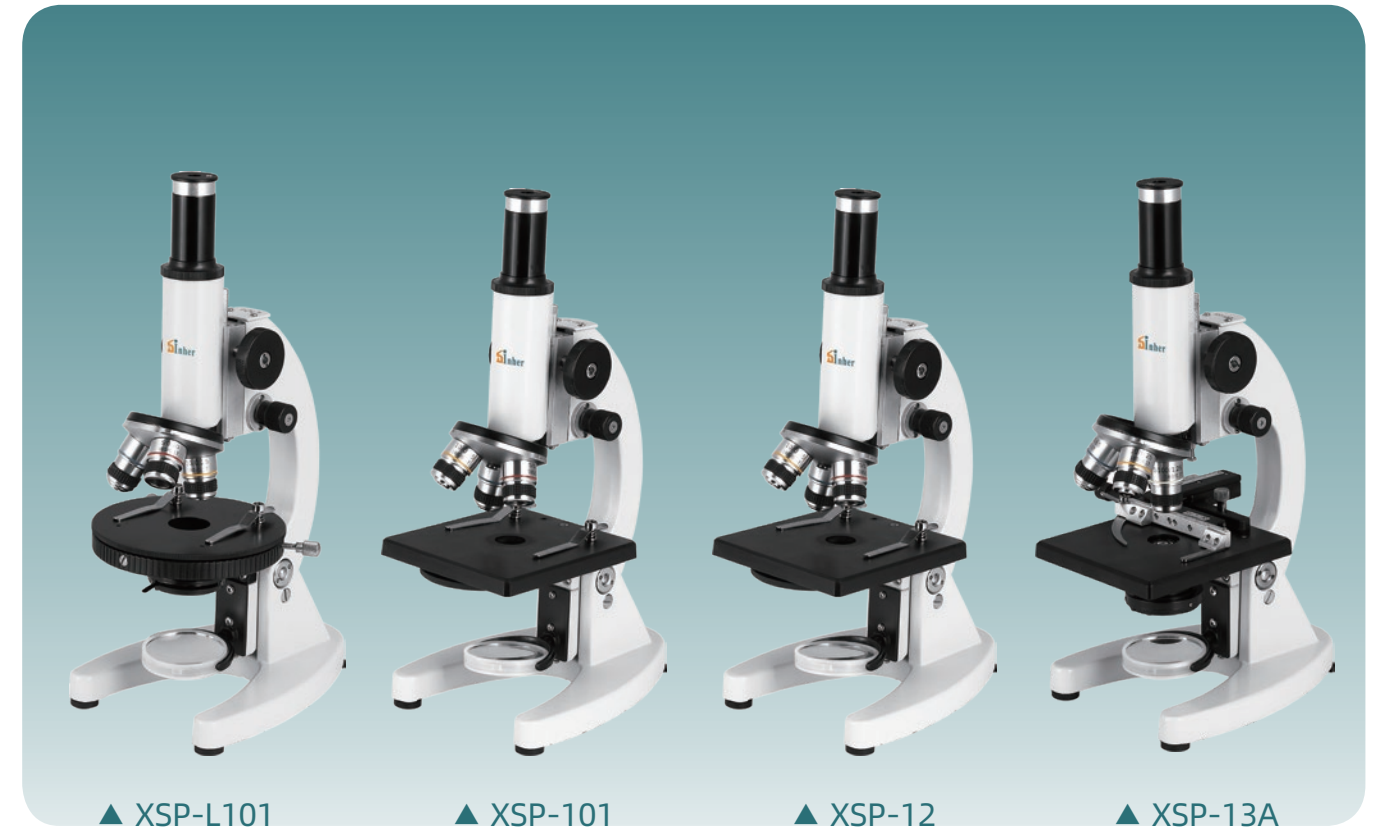
BK-300/5000 series biological microscope is designed for college teaching, clinical verify, laboratory etc. The series microscope with original style, steady structure, convenient operation and clear image is suitable for observing various biological specimens .

项目 ITEMS	规格 SPECIFICATION	XSZ-BK300	XSZ-BK5000
目镜 Eyepiece	WF 10X/20mm WF 16X	● ○	● ○
物镜 Objective	无限远平场 4X、10X、40X (弹簧)、100X (弹簧 , 油) Infinity Plan 4X、10X、40X (S)、100X (S, OIL) 无限远平场 20X (弹簧) Infinity Plan 20X (S) 无限远平场 60X (弹簧) Infinity Plan 60X (S)	● ● ○	● ● ○
观察头 Viewing Head	双目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Binocular Head, Inclined 30°, Rotatable 360° , Interpupillary Distance: 48-75mm 三目头 30°倾斜, 360°可旋转, 瞳距 48-75mm Trinocular Head, Inclined 30°, Rotatable 360° , Interpupillary Distance: 48-75mm	● 	 ●
转换器 Nosepiece	五孔 Quintuple	●	●
载物台 Mechanical Stage	尺寸 : 190x140mm, 移动范围 : 78x55mm Size: 190x140mm, Travel Range: 78x55mm	●	●
聚光镜 Condenser	阿贝聚光镜 NA 1.25 带可变光栏 Abbe Condenser N.A 1.25 with Iris Diaphragm	●	●
调焦 Focusing	同轴粗微调焦, 调焦范围 26mm, 微调格值 2μm Coaxial Coarse and Fine Focusing Knobs Travel Range: 26mm, Scale: 2μm	●	●
柯勒照明系统 Kohler Illumination	12V/20W 卤素灯 12V/20W Halogen Lamp 3 瓦 LED 灯 3W LED Illumination	● ○	● ○
可选配件 Optional Parts	荧光装置 Fluorescence Unit 相衬装置 Phase Contrast Unit 偏光装置 Polarizing Unit	○ ○ ○	○ ○ ○
相机接口 C-mount	1x 0.5x		● ○

注 / Note: ●标准配置 / Standard Outfit ○选购配置 / Optional

泡沫包装尺寸 / Foam Packing Size: 542mm×265mm×355mm 毛重 / Gross Weight: 12 kgs 净重 / Net Weight: 10 kgs

学生系列生物显微镜 / STUDENT SERIES BIOLOGICAL MICROSCOPE



项目 ITEMS	规格 SPECIFICATION	XSP-L101	XSP-101	XSP-12	XSP-13A
目镜 Eyepiece	H5X、H10X、H12.5X				●
	H5X、H10X、H15X	●			
	H10X、H12.5X			●	
	H10X、H16X		●		
物镜 Objective	消色差 5X、10X、45X (弹簧) Achromatic 5X、10X、45X (S)	●			
	消色差 4X、10X、40X (弹簧) Achromatic 4X、10X、40X (S)		●	●	
	消色差 10X, 40X, 100X (弹簧, 油) Achromatic 10X, 40X, 100X (S, Oil)				●
观察头 Viewing Head	单目头 Monocular Head	●	●	●	●
转换器 Nosepiece	三孔 Triple	●	●	●	●
载物台 Mechanical Stage	简易平台带压片 Plain Stage with Slide Clips		●	●	
	圆工作台面压片 Round Plain Slide with Stage Clips	●			
	单层平台带移动尺 Stage with Moving Scale				●
聚光镜 Condenser	阿贝聚光镜 NA 1.25 带可变光栏 Abbe Condenser N.A 1.25 with Iris Diaphragm	●			●
调焦 Focusing	分开式粗微调焦 Focusing: Separate Coarse and Fine Adjustment	●	●	●	●
照明系统 Illumination	转盘光栏、平凹反光镜 Disc Diaphragm、Plan-concave mirror	●	●	●	●
	插入式光源 Insert Illumination	○	○	○	○

注 / Note: ●标准配置 / Standard Outfit ○选购配置 / Optional

泡沫包装尺寸 / Foam Packing Size: 380mm×250mm×310mm 毛重 / Gross Weight: 7 kgs 净重 / Net Weight: 5.5 kgs 2pcs/ctn

体视显微镜 / STEREO MICROSCOPE



▲XT-45B



▲XT-45T



▲XT-45B1



▲XT-45T1

特性：视场宽广，清晰，立体感强。

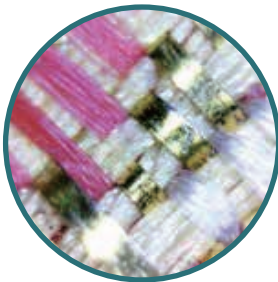
应用领域：广泛用于电子工业，精密仪器仪表装配和检验，动植物解剖，观察和研究，亦适用于学校，科研，工厂，雕刻，考古及家庭等研究实体形象。

Feature: Crisp stereo images over a wildfield view

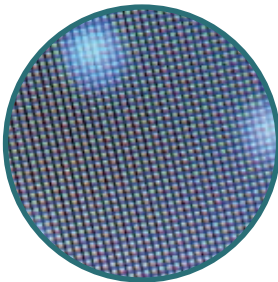
Application: It can be widely used in electronic industries, in assembling and inspection precision instruments and meters, in dissecting, observing and studing animals and plants. It is also recommendable for studying the formation and structures in the fields of education, Science research, factories sculputre, geology, archaeology families and so on.



电路板 Electric Board



面料 Fabric



太阳能板 Solar Board



动物 Animal

项目 ITEMS	规格 SPECIFICATION	XT-45B	XT-45T	XT-45B1	XT-45T1
目镜 Eyepiece	WF 10X/20mm	●	●	●	●
观察头 Viewing Head	双目 45°倾斜、360°旋转，瞳距 54-76mm；双边视度调节 (±5) Binocular head, 45° inclined, 360° rotatable Interpupillary Distance adjustment: 54-76mm; Diopter adjustment: ±5 diopters	●		●	
	三目 45°倾斜、360°旋转，瞳距 54-76mm；双边视度调节 (±5) Trinocular head, 45° inclined, 360° rotatable Interpupillary Distance adjustment: 54-76mm; Diopter adjustment: ±5 diopters		●		●
连续放大倍率 Zoom Ratio	6.4:1	●	●	●	●
物镜 Objective	0.7X-4.5X	●	●	●	●
辅助物镜 Aux Lens	可选 0.3X, 0.5X, 0.7X, 0.75X, 1.5X, 2X 0.3X, 0.5X, 0.7X, 0.75X, 1.5X, 2X (for choice)	○	○	○	○
总放大倍率 Total magnification	7X-45X	●	●	●	●
工作距离 Working Distance	100mm	●	●	●	●
照明系统 Illumination	透射光源 12v15w 卤素灯 Transmitted and reflected 12v/15w halogen	●	●		
	7w 荧光灯 7w fluorescent	○	○		
	5V3W 上下单颗 LED 照明 5v/3w LED illumination	○	○	●	●
相机接口 C-Mount	1 X /0.5X(可调焦) 1 X /0.5X(Focus Adjustable)		●		●

注 / Note: ●标准配置 /Standard Outfit ○选购配置 /Optional
泡沫包装尺寸 / Foam Packing Size: 510mm×360mm×300mm 毛重 / Gross Weight: 7 kgs 净重 / Net Weight: 6 kgs

医用迷你真空压力泵 /MEDICAL APPARATUS-MINI VACUUM PUMP

产品简介 INSTRUCTION

- 用途 Function**
 医用，美容仪器，保鲜盒，小家电，充气，抽气两用。
 可用于美容仪器等
 (medical,Beauty apparatus,Crisper,Electronic machine,Air inflation&air exhaust,etc.)

- 工作电压 Volt**
 110~120V/220V~240V
- 空气输送 Air Delivery**
 70L/Min
- 最大压力 Max pressure**
 36 psi
- 噪音 Noise**
 75db



▲ SHCM2011



▲ SHCM2017

- 工作电压 Volt**
 110~120V/220V~240V
- 空气输送 Air Delivery**
 74L/Min
- 最大压力 Max pressure**
 43 psi
- 噪音 Noise**
 80db
- 压力开关 Pressure Switch**
 30-43psi



▲ SHCM2018

配件 /MICROSCOPE ACCESSORIES

相衬 Various Phase Contrast



各种双目观察头 Various Binocular Viewing Heads



各种照明系统 Various Illumination Sets



配件 / MICROSCOPE ACCESSORIES

各种大视场目镜 Various Wide Field Eyepieces



各种物镜转换器 Various Nosepieces Objectives



各种聚光部件 Various Condenser Sets



各种消色差物镜 Various Achromatic Objectives



各种消色差物镜 Various Achromatic Objectives



各种平场物镜 Various Plan Objectives



各种平场物镜 Various Plan Objectives

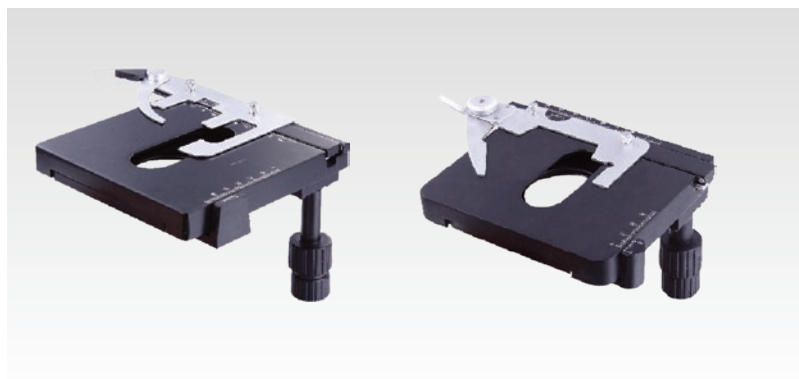


配件 / MICROSCOPE ACCESSORIES

各种双层活动平台 Various Double Layer Mechanical Sets



各种双层平台带双切片夹 Various Double Layer Mechanical Stage with Dual Slides Finge



单层机械平台 Single Layer Mechanical Stage



各种平台和移动尺 Various Stage And Moving Scale



各种载玻片盒 Various Slide Box



各种盖玻片 Various Cover Glass



各种载玻片 Various Microscope Slides

