

SZ845 系列连续变倍显微镜 SERIES ZOOM STEREO MICROSCOPES

本仪器是双目或三目观察的立体显微镜，能将微小的物体加以连续放大，形成正的立体像。可供学校、医疗卫生、农林、公安、科研部门作观察分析，亦可应用于电子工业和仪器仪表行业作精细零部件的检验、装配、修理。

The instrument is a kind of binocular or trinocular stereo microscope, which can zoom magnify the micro object and get an erect image. It can be used for educational experiment, medical research, agricultural observation, science research and also for inspection, assembling and repairing in electronic industry and other relative fields.



OPTICAL DATA 光学参数

型号 Model	目 镜 Eypiece	标准物镜 Standard Objective		0.5X		附加物镜 Auxiliary Objective						
		物镜倍率 Objective	视场范围 Field of View(mm)	工作距离 Working Distance(mm)	视场范围 Field of View(mm)	工作距离 Working Distance(mm)	视场范围 Field of View(mm)	工作距离 Working Distance(mm)	视场范围 Field of View(mm)			
SZ845	HWF10X	0.64X ~ 5.2X	23 ~ 2.8	115	46 ~ 5.6	205	32.8 ~ 4	150	15.3 ~ 1.9	61	11.5 ~ 1.4	43.5
	HWF15X	0.64X ~ 5.2X	15.3 ~ 1.9	115	30.6 ~ 3.8	205	21.8 ~ 2.7	150	10.2 ~ 1.3	61	7.65 ~ 0.95	43.5
	HWF20X	0.64X ~ 5.2X	11.5 ~ 1.4	115	23 ~ 2.8	205	16.4 ~ 2	150	7.7 ~ 0.9	61	5.75 ~ 0.7	43.5



FEATURES 性能

- ◆ 视场宽广，成像清晰，立体感强
- ◆ 45° 倾斜双目观察，头部可作360° 旋转
- ◆ 瞳距调节范围55mm~75mm
左、右目镜筒视度调节范围 ± 5dp
- ◆ 输入电压90V~240V宽电压
- ◆ 产品通过“CE”认证
- ◆ Sharp stereo erect image over a wide field of view.
- ◆ 45° inclined and 360° rotatable binocular head.
- ◆ The interpupillary distance is between 55-75mm. Both ocular-tube with diopter adjustment ±5dp.
- ◆ Power supply 90V~240V.
- ◆ Product has CE approval.

LDX 系列连续变倍显微镜 SERIES ZOOM STEREO MICROSCOPES



LDX - W



LDX - W - 3

ILLUMINATION SPECIFICATION 光源配置

- ◆ L1. 照射光12V 10W反射型卤素灯，透射光12V 10W卤素灯
- ◆ L2. 照射光12V 10W反射型卤素灯，透射光12V 10W卤素灯，亮度可调节
- ◆ L3. 照射照明12V 10W卤素灯，透射照明5W荧光灯
- ◆ L4. 照射照明12V 10W卤素灯，透射照明5W荧光灯，亮度可调节
- ◆ L5. 透射及照射照明均用LED灯

OPTICAL DATA 光学参数

目 镜 Eyepiece	物 镜 Objective	标准物镜 Standard Objective		0.5X	附加物镜 Auxiliary Objective	1.5X	2.0X
		Total magnification	Field of View				
HWF5X	总 放 大 率 Total magnification	3.75X~25X	Ø 37.5X~12.5X	0.75X~5X	0.375X~2.5X	1.125X~7.5X	1.5X~10X
	视 场 范 围 Field of View	Ø 31~Ø 4.6	Ø 61.3~Ø 9.2	Ø 22~Ø 3.3	Ø 22~Ø 3.3	Ø 16~Ø 2.5	Ø 16~Ø 2.5
HWF10X	总 放 大 率 Total magnification	7.5X~50X	3.75X~25X	7.5X~50X	3.75X~25X	11.25X~75X	15X~100X
	视 场 范 围 Field of View	Ø 33~Ø 5	Ø 65~Ø 10	Ø 22~Ø 3.3	Ø 22~Ø 3.3	Ø 16~Ø 2.5	Ø 16~Ø 2.5
HWF15X	总 放 大 率 Total magnification	11.25X~75X	5.625X~37.5X	11.25X~75X	5.625X~37.5X	16.875X~112.5X	22.5X~150X
	视 场 范 围 Field of View	Ø 24~Ø 4.2	Ø 48~Ø 8.5	Ø 16~Ø 2.8	Ø 16~Ø 2.8	Ø 12~Ø 2	Ø 12~Ø 2
HWF20X	总 放 大 率 Total magnification	15X~100X	7.5X~50X	15X~100X	7.5X~50X	22.5X~150X	30X~200X
	视 场 范 围 Field of View	Ø 20~Ø 3.5	Ø 40~Ø 7	Ø 13.3~Ø 2.3	Ø 13.3~Ø 2.3	Ø 10~Ø 1.8	Ø 10~Ø 1.8
HWF25X	总 放 大 率 Total magnification	18.75X~125X	9.375X~62.5X	18.75X~125X	9.375X~62.5X	28.125X~187.5X	37.5X~255X
	视 场 范 围 Field of View	Ø 15.8~Ø 2.4	Ø 31.5~Ø 4.8	Ø 10.5~Ø 1.6	Ø 10.5~Ø 1.6	Ø 7.9~Ø 1.2	Ø 7.9~Ø 1.2
		工 作 距 离 Working distance	113mm			220mm	50mm
						35mm	

LBX 系列连续变倍显微镜

SERIES ZOOM STEREO MICROSCOPES

本仪器是双目或三目观察的立体显微镜，能将微小的物体加以连续放大，形成正的立体像。可供学校、医疗卫生、农林、公安、科研部门作观察分析，亦可应用于电子工业和仪器仪表行业作精细零部件的检验、装配、修理。

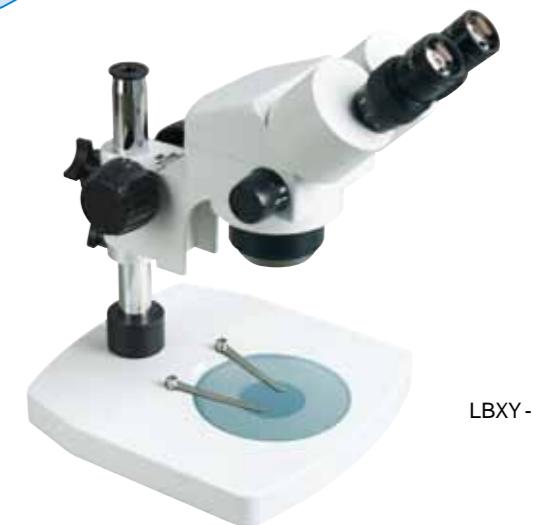
The instrument is a kind of binocular or trinocular stereo microscope, which can zoom magnify the micro object and get an erect image. It can be used for educational experiment, medical research, agricultural observation, science research and also for inspection, assembling and repairing in electronic industry and other relative fields.



LBXW-LED



LBXY



LBXY-P



LBXW

FEATURES 性能

- ◆ 视场宽广，成像清晰，立体感强
- ◆ 45° 倾斜双目观察，头部可作360° 旋转
- ◆ 瞳距调节范围55mm~75mm
- ◆ 左、右目镜筒视度调节范围 ± 5dp
- ◆ 输入电压90V~240V宽电压
- ◆ 产品通过“CE”认证

- ◆ Sharp stereo erect image over a wide field of view.
- ◆ 45° inclined and 360° rotatable binocular head.
- ◆ The interpupillary distance is between 55-75mm.
- ◆ Both ocular-tube with diopter adjustment ± 5dp.
- ◆ Power supply 90V~240V.
- ◆ Product has CE approval.

SPECIFICATION 规格

型 号 Model	目 镜 Eyepiece	物 镜 Objective	工 作 台 Base/Working Stage	升 降 机 构 Up & down Mechanism	照 射 光 Incident illumination	透 射 光 Transmitted illumination
LBXY	HWF10X	ZOOM 0.75X~5X	Ø95mm 磨砂玻璃 Ø95mm Frosted glass	立柱式 Pillar style	12V10W 碗形卤素灯 Bowl halogen lamp 12V10W	12V10W 卤素灯 Halogen lamp 12V10W
LBXW	HWF10X	ZOOM 0.75X~5X	Ø95mm 磨砂玻璃 Ø95mm Frosted glass	弯臂式 Arm curved	12V10W 碗形卤素灯 Bowl halogen lamp 12V10W	12V10W 卤素灯 Halogen lamp 12V10W
LBXW-LED	HWF10X	ZOOM 0.75X~5X	Ø95mm 磨砂玻璃 Ø95mm Frosted glass	弯臂式 Arm curved	内置 LED 环形灯 Built-in LED ring light	1WLED 灯 1WLED lamp
LBXY-P	HWF10X	ZOOM 0.75X~5X	Ø120mm 磨砂玻璃 Ø120mm Frosted glass	立柱式 Pillar style	自然光 Natural illumination	自然光 Natural illumination

可选购附件 (Optional accessories): 0.5x、1.5x、2x 附加物镜 (Auxiliary Objective);
HWF5x、HWF10x、HWF15x、HWF20x、HWF25x 目镜 (Eyepiece); 环形灯 (Ring light)

OPTICAL DATA 光学参数

目 镜 Eyepiece	物 镜 Objective	标准物镜 Standard Objective		附 加 物 镜 Auxiliary Objective	2.0X
		0.5X	1.5X		
HWF5X	总 放 大 率 Total magnification	0.75X~5X	0.375X~2.5X	1.125X~7.5X	1.5X~10X
	视 场 范 围 Field of View	Ø 31~Ø 4.6	Ø 61.3~Ø 9.2	Ø 22~Ø 3.3	Ø 16~Ø 2.5
HWF10X	总 放 大 率 Total magnification	7.5X~50X	3.75X~25X	11.25X~75X	15X~100X
	视 场 范 围 Field of View	Ø 33~Ø 5	Ø 65~Ø 10	Ø 22~Ø 3.3	Ø 16~Ø 2.5
HWF15X	总 放 大 率 Total magnification	11.25X~75X	5.625X~37.5X	16.875X~112.5X	22.5X~150X
	视 场 范 围 Field of View	Ø 24~Ø 4.2	Ø 48~Ø 8.5	Ø 16~Ø 2.8	Ø 12~Ø 2
HWF20X	总 放 大 率 Total magnification	15X~100X	7.5X~50X	22.5X~150X	30X~200X
	视 场 范 围 Field of View	Ø 20~Ø 3.5	Ø 40~Ø 7	Ø 13.3~Ø 2.3	Ø 10~Ø 1.8
HWF25X	总 放 大 率 Total magnification	18.75X~125X	9.375X~62.5X	28.125X~187.5X	37.5X~255X
	视 场 范 围 Field of View	Ø 15.8~Ø 2.4	Ø 31.5~Ø 4.8	Ø 10.5~Ø 1.6	Ø 7.9~Ø 1.2
工作距离 Working distance		113mm	220mm	50mm	35mm

ZTX-E 系列连续变倍体视显微镜

SERIES ZOOM STEREO MICROSCOPES

本仪器是双目或三目观察的立体显微镜，能将微小的物体加以连续放大，形成正的立体像。可供学校、医疗卫生、农林、公安、科研部门作观察分析，亦可应用于电子工业和仪器仪表行业作精细零部件的检验、装配、修理。

The instrument is a kind of binocular or trinocular stereo microscope, which can zoom magnify the micro object and get an erect image. It can be used for educational experiment, medical research, agricultural observation, science research and also for inspection, assembling and repairing in electronic industry and other relative fields.



ZTX - E

FEATURES 性能

- ◆ 45° 倾斜双目观察头，可360° 旋转，锁定目镜，左右目镜筒视度调节 ± 5dp，出射瞳距调节范围为55-75mm
- ◆ 产品通过CE认证
- ◆ 输入电压为110V/60Hz或220/50Hz
- ◆ 照 明：L1. 照射光12V 10W反射型卤素灯，透射光12V 10W卤素灯
L2. 照射光12V 10W反射型卤素灯，透射光12V 10W卤素灯，亮度可调节
L3. 照射照明12V 10W卤素灯，透射照明5W荧光灯
L4. 照射照明12V 10W卤素灯，透射照明5W荧光灯，亮度可调节
L5. 透射及照射照明均用LED灯
- ◆ 每台泡沫包装，放入内纸箱，二台一个外箱，外包装尺寸ZTX-E
41x35x41.50cm, ZTX-E-W/ZTX-3E 50x37x48cm

- ◆ 45° inclined and 360° rotatable binocular head with locked-in eyepiece. Both ocular-tube with diopter adjustment ± 5dp. The interpupillary distance is between 55-75mm.
- ◆ Product has CE approval.
- ◆ Power supply 110V/60Hz or 220V/50Hz.
- ◆ Illumination: L1. Incident reflected halogen lamp 12V10W; Transmitted halogen lamp 12V10W.
L2. Incident reflected halogen lamp 12V10W; Transmitted halogen lamp 12V10W; Brightness is adjustable.
L3. Halogen lamp 12V/10W for incident lamp and fluorescent lamp 5W for transmitted lamp.
L4. Halogen lamp 12V/10W for incident lamp and fluorescent lamp 5W for transmitted lamp. Brightness is adjustable.
L5. Both incident and transmitted light with LED.
- ◆ Each set packed in styrofoam and in an inner box. Two sets in one carton. The outer measurement is 41x35x41.50cm(ZTX-E), 50x37x48cm(ZTX-E-W/ZTX-3E).



ZTX - G - W

SPECIFICATION 规格

型 号 Model	标 准 目 镜 Standard Eyepiece	物 镜 Objective	观 察 头 Viewing Head	升 降 机 构 Up & Down Mechanism	底 座 / 工 作 台 Base/Working Stage
ZTX-E	SWF10X	ZOOM1X-4X	双目 Binocular	立柱式 Pillar style	95mm 磨砂玻璃 95mm Frosted glass
ZTX-E-W	SWF10X	ZOOM1X-4X	双目 Binocular	弯臂式 Arm curved style	95mm 磨砂玻璃 95mm Frosted glass
ZTX-3E-C3	SWF10X	ZOOM1X-4X	三目 Trinocular	立柱式 Pillar style	95mm 磨砂玻璃 95mm Frosted glass
ZTX-3E-W	SWF10X	ZOOM1X-4X	三目 Trinocular	弯臂式 Arm curved style	95mm 磨砂玻璃 95mm Frosted glass
ZTX-E-C1	SWF10X	ZOOM1X-4X	双目 Binocular	立柱式 Pillar style	95mm 黑白工作台 95mm White/Black Working stage
ZTX-E-C2	SWF10X	ZOOM1X-4X	双目 Binocular	立柱式 Pillar style	95mm 磨砂玻璃 95mm Frosted glass
ZTX-G	SWF10X	ZOOM0.75X-3.6X	双目 Binocular	立柱式 Pillar style	65mm 磨砂玻璃 65mm Frosted glass
ZTX-G-W	SWF10X	ZOOM0.75X-3.6X	双目 Binocular	弯臂式 Arm curved style	65mm 磨砂玻璃 65mm Frosted glass
ZTX-G-C2	SWF10X	ZOOM0.75X-3.6X	双目 Binocular	立柱式 Pillar style	65mm 磨砂玻璃 65mm Frosted glass

可选购附件 (Optional accessories): 0.5x、0.75x、1.5x、2x 附加物镜 (Auxiliary Objective);
WF5x、SWF10x、WF15x、WF20x 目镜 (Eyepiece); 环形灯 (Ring light); 黑白工作台 (White/Black working stage)



ZTX - E - C2



ZTX - 3E - C3

OPTICAL DATA 光学参数

型 号 Model	目 镜 Eyepiece	标 准 物 镜 Standard Objective		0.5X		附 加 物 镜 Auxiliary Objective	
		物 镜 倍 率 Objective	视 场 范 围 Field of View(mm)	工 作 距 离 Working Distance(mm)	视 场 范 围 Field of View(mm)	工 作 距 离 Working Distance(mm)	视 场 范 围 Field of View(mm)
ZTX-E	WF5X	1-4X	20-5	91	40-11	170	25-6.5
	SWF10X	1-4X	23-5.5	91	52-12	170	30-7
	WF15X	1-4X	15.5-4	91	36-8.5	170	21-5
	WF20X	1-4X	10.5-3	91	25-5.8	170	14-3.5
ZTX-G	WF5X	0.75-3.6X	26-6	86	60-13	178	32-7
	HWF10X	0.75-3.6X	28-6	86	63-14	178	35-8
	WF15X	0.75-3.6X	19-4.5	86	43-9.5	178	24-5.5
	WF20X	0.75-3.6X	12.5-3	86	28-6	178	16-3.5

XTX-5 系列变档显微镜

SERIES STEP STEREO MICROSCOPES

FEATURES 性能

- ◆ 视场宽广，成像清晰，立体感强
- ◆ 45° 倾斜双目观察，锁定目镜，头部可360° 转动，左目镜筒视度调节±5dp，出射瞳距调节范围为55-75mm
- ◆ 90° 旋转式物镜，有三种可供选择：1x/2x, 1x/3x, 2x/4x
- ◆ XTX-5A/5B/5C系列为立柱式支架，XTX-5A-W,XTX-5C-W系列为弯臂式支架
- ◆ 产品通过CE认证
- ◆ 输入电压为110V/60Hz或220/50Hz
- ◆ 照明：1.白炽灯12V 10W 2. 卤素灯12V 10W 3. 高亮度LED灯
- ◆ 每台泡沫包装，放入内纸箱，四台一个外箱，外包装尺寸为：68x31x37cm



XTX-5B



XTX-5C



XTX-5A

SPECIFICATION 规格

型号 Model	目镜 Eyepiece	物镜 Objective	工作台 Working Stage	照明 Illumination
XTX-5A	WF10X	Rotated	黑 / 白 White/black	自然光 Natural illumination
XTX-5B	WF10X	1X-2X	黑 / 白 White/black	照射光 Incident illumination
XTX-5C	WF10X	1X-3X	磨砂玻璃 Frosted glass	照射光 / 透射光 Incident illumination & transmitted illumination
XTX-5A-W	WF10X	2X-4X	黑 / 白 White/black	自然光 Natural illumination
XTX-5C-W	WF10X		磨砂玻璃 Frosted glass	照射光 / 透射光 Incident illumination & transmitted illumination



XTX-5A-W



XTX-5C-W

OPTICAL DATA 光学参数

物镜放大率 Objective Magnification	目 镜 Eyepiece				工作距离 Working Distance (mm)				
	WF5X		SWF10X						
放大率 Magnification	视场 Field of View (mm)	放大率 Magnification	视场 Field of View (mm)	放大率 Magnification	视场 Field of View (mm)	放大率 Magnification	视场 Field of View (mm)		
1X	5X	20.0	10X	20.0	15X	15.0	20X	10.0	76
2X	10X	10.0	20X	10.0	30X	7.5	40X	6.5	76
1X	5X	20.0	10X	20.0	15X	15.0	20X	10.0	76
3X	15X	7.0	30X	6.7	45X	5.0	60X	4.3	76
2X	10X	10.0	20X	10.0	30X	7.5	40X	6.5	76
4X	20X	5.0	40X	5.0	60X	3.7	80X	3.2	76

- ◆ Sharp stereo erect image over a wide field of view.
- ◆ 45° inclined and 360° rotatable binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment ±5dp. The interpupillary distance is between 55-75mm.
- ◆ Three kind of 90° rotatable objective for selection: 1x/2x, 1x/3x, 2x/4x.
- ◆ XTX-5A/5B/5C series supplied with pillar style stand: XTX-5A-W,XTX-5C-W series supplied with arm curved style stand.
- ◆ Product has CE approval.
- ◆ Power supply 110V/60Hz or 220V/50Hz.
- ◆ Illumination: 1. Incandescent lamp12V 10W 2. Halogen lamp12V 10W 3. High brightness LED lamp.
- ◆ Each set packed in styrofoam and in an inner box. Four sets in one carton. The outer measurement is 68x31x37cm.

FEATURES 性能

- ◆ 头部45° 倾斜可360° 旋转，观察舒适，结构合理。

- ◆ 大视场目镜WF10X

- ◆ 消色差物镜DIN4X,10X,40X(S),10

- ◆ 平台尺寸110x120mm/60x30mm

- ◆ 分开式粗微调焦，粗调手轮松紧可调

- ◆ NA1.25阿贝聚光镜带可变光栏和滤色片

- ◆ 45°inclined head 360°rotatable with the reasonable system for easily viewing.

- ◆ Wide field eyepiece WF10X.

- ◆ Achromatic objective DIN4X.10X.40X(S).10

- ◆ Stage size:110x120mm/60x30mm.

- ◆ Separate coarse & fine adjustment with

- ◆ Abbe NA1.25 with Iris diaphragm and filter .

- ◆ Built-in illumination, halogen lamp 110V or 220V

- DATA IN THIS REPORT, INCLUDING THE FIVE YEARS PRECEDING THE DATE OF THIS REPORT.



NK-103B



NK-1030



NK-103A



NK-107



NK-107CCD



NK-703

SPECIFICATION LIST 配置表

组件 Components		规 格 Specification	NK-103A	NK-103B	NK-103C	NK-107	NK-107CCD	NK-703
观察头 Viewing Head	单目 monocular		●	●				
	双目 Binocular			●	●			
	三目 Trinocular				○	●	●	●
目镜 Eyepiece	WF10X		●	●	●	●	●	●
	P16X		○	○	○			
	WF10X 带 0.1mm 十字分划板 WF10X / cross scaled 0.1mm		○	○	○	○	○	○
物镜 Objective	WF8X/18		○	○	○	○	○	○
	EW12.5/15		○	○	○	○	○	○
	DIN 消色差物镜 DIN Achromatic Objective		●	●	○	○	○	○
转换器 Nosepiece	无穷远平场消色差物镜 Infinitive Plan-Field Achromatic objective: 4x ~ /NA0.1、10X ~ /NA0.25、20X ~ /NA0.50、40X (S) ~ /NA0.65、100X (s,oil) ~ /NA1.25						●	
	四孔转换器 Quadruple Nosepiece		○	○	●	●	●	●
	三孔转换器 Triple Nosepiece		●	●	○			
载物台 Stage	简易平台 Plain stage, 120×130mm		●	●	○			
	平台带移动尺 Stage with Attachable Stage 120X130mm/ 移动范围 Moving range 60mmX30mm		○		●			
	双层活动平台 Double layers moving stage 140X140mm/ 移动范围 Moving range 75X50mm					●	●	
焦距调节 Focusing	可拆卸式双层机械移动工作台 Knocked-down type and double layers mechanical stage 185X145mm/ 移动范围 Moving Range 75X50mm						●	
	同轴粗微调焦机构 Coaxial Coarse & Fine Focus Adjustment System					●	●	●
	粗微调分开式调焦机构 Separate coarse & fine adjustment		●	●	●			
照明系统 Illumination	110V/220V 6V20W 卤素灯, 亮度可调 Halogen lamp 110V or 220V, 6V 20W with brightness adjustable		●	●	●	●	●	
	平凹反光镜 Plan-concave Mirror		●					
	90v ~ 240v 6v30w 卤素灯, 亮度可调 Halogen lamp 90v to 240v, 6v 30w with brightness adjustable						●	
聚光镜 Condenser	NA1.25 带可变光栏和滤色片 Abbe NA1.25 with Iris Diaphragm and Filter		●	●	●	●	●	
	单片聚光镜带转盘式光栏 Single Lens with Disc Diaphragm		●					
摄像接口 Digital Camera port		摇出式聚光镜 Swing type Condenser:N.A.1.2/0.22						
注： ● 为标准配置 standard ○ 为选购配置 Optional		标准 C 型接口 “C” Standard port						

FEATURES 性能

- ◆ 45° 倾斜单目观察，锁定目镜。
- ◆ 目镜10x
- ◆ 物镜4x, 10x和40x
- ◆ SX-A和SX-B带平凹反光镜，SX-AL和SX-BL带照明装置
- ◆ SX-AL和SX-BL的输入电压110V/60Hz或220V/50Hz 20W
- ◆ 每台泡沫包装，放入内纸箱，六台一个外箱，外包装尺寸为：44.5x40x32cm(SX-A/B); 49.5X47X34.5cm(SX-AL/BL)

- ◆ 45°inclined monocular head with locked-in eyepiece.
- ◆ Eyepiece 10x.
- ◆ Objective 4x, 10x, 40x.
- ◆ SX-A, SX-B with plan-concave mirror and SX-AL, SX-BL with illumination.
- ◆ Power supply SX-AL and SX-BL 110V/60Hz or 220V/50Hz 20W.
- ◆ Each set packed in Styrofoam and in an inner box. Six sets in one carton. The outer measurement is 44.5x40x32cm(SX-A/B); 49.5x47x34.5cm(SX-AL/BL).



SX - A



SX - B



SX - BL



SX - A1



SX - B4

OPTIONAL ACCESSORY 可选购附件

- ◆ 目镜WF5x, 10x, 15x, 25x
- ◆ 生物切片
- ◆ 生物解剖工具
- ◆ 变倍目镜：1.0x ~ 1.4x
- ◆ 外接光源：220V/110V, 6V/6W
- ◆ Eyepiece: WF5x, 10x, 15x, 25x
- ◆ Biological Slide
- ◆ Biological Dissection set
- ◆ Zoom eyepiece: 1.0x ~ 1.4x
- ◆ Outer-connected illumination: 220V/110V, 6V/6W

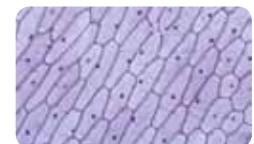
FEATURES 性能

- ◆ 45° 倾斜单目观察，锁定目镜
- ◆ 目镜10x
- ◆ 物镜4x, 10x, 40x
- ◆ 带平凹反光镜，内置照明灯3V3W或LED
- ◆ 电源二节五号电池
- ◆ 塑料机身，携带方便

- ◆ 45°inclined monocular head with locked-in eyepiece.
- ◆ Eyepiece 10x.
- ◆ Objective 4x, 10x, 40x.
- ◆ With plan-concave mirror and built-in illumination 3V/3W or LED.
- ◆ Power 2 units AA batteries.
- ◆ Plastic body easily to carry.



B400



解剖工具 Dissection set



矿石标本 Mineral sample



塑料切片 Plastic slide



玻璃切片 Glass slide

单筒系列 MONOCULAR SERIES

单筒系列显微镜具有高分辨率、高清晰度和强立体感的光学成像系统，通过简便操作就可以获得连续变倍图像，广泛应用于电子行业中半导体和集成电路板的检测以及教学、农业、电子工业和仪器仪表行业作精细零部件的检验、装配、修理。

Monocular series microscopes has a quality optical system, which can provide a high-resolution sharp stereo image. zoom image can be observed by easily operating. The instrument is widely used for inspection of semiconductor & integrated circuit board and also for educational demonstration and agricultural research. Also for assembling and repairing in electronic industry and other relative fields.

FEATURES 性能

- ◆ 数字目镜，插入任何显微镜目镜筒即可由计算机读取数码显微图像，十分适用于图像的演示和分析应用。
- ◆ 采用USB插头与计算机联接，可以随时插拔。
- ◆ 高分辨率CMOS传感器，数字信号可以直接在计算机上显示。
- ◆ 配备有不同版本的图像软件：

图像驱动软件

显微图像处理软件（选购）

高级版显微图像分析软件（选购）

- ◆ It looks like an Eyepiece and can be easily inserted into eyepiece tube of microscope. The digital Micro-image is immediately picked up by computer. It is used in the field of image demonstration and analysis.

- ◆ USB is used to adapt with PC. It is freely plugged and unplugged.

- ◆ High resolution CMOS chip, digital signal can display on pc monitor directly.

- ◆ Equipped with different Versions Software:
Image driving Soft Ware.
Micro-image Process Software (Optional).
Senior micro-image analysis Software (Optional).



ZTX - S₂ - C₂



OPTIONAL STAND 可选配机架



ZTX 机架
ZTX Stand



ZTX-C2 机架
ZTX-C2 Stand



ZTX-P 机架
ZTX-P Stand



△ VD - TV 成套性 Outfit of VD - TV



△ VD - PC 成套性 Outfit of VD - PC

SPECIFICATION LIST 配置表

配置项目 Specification list	规 格 Specification	S ₁	S ₂	S ₃	S ₅
镜体 Viewing Head	直简单目 Upright monocular Head	●	●	●	●
目镜 Eyepiece	WF10X	●	●	○	○
物镜 Objective	连续变倍 Zoom magnification 0.7X ~ 4.5X	●			
	连续变倍 Zoom magnification 1X ~ 4X		●		
	连续变倍 Zoom magnification 0.65X ~ 5.5X			●	
	连续变倍 Zoom magnification 0.64X ~ 5.2X				●
工作距离 Working distance	90mm		●		
	90.5mm			●	
	113mm				●
	115mm				●

注： ● 为标准配置 standard ○ 为选购配置 Optional

LCD 系列显微镜 SERIES MICROSCOPES

FEATURES 性能

- ◆ 方便观察，只需将物体置于显微镜下，即可在显示屏成像，同时供多人舒适的观看。
- ◆ 改善劳动条件，解决眼睛因长时间观察显微镜引起的疲劳的损伤。
- ◆ 一体化的结构，使用方便、体积小、节省空间。
- ◆ 放大倍数可无级调节。
- ◆ 设置“+”字刻度线，供定位和测量时参考。
- ◆ 安装简单，只需将机器安置于桌面即可进行工作。

- ◆ The image can be easily viewed by many people on monitor at the same time.
- ◆ Improve the working condition also can soften the tiredness caused by long time observation.
- ◆ Intergrated structure, easily operation, small size and can save space.
- ◆ The magnification can be zoomed non-step.
- ◆ There is "+" for purpose of postioning and measurement.
- ◆ Easily equipment,it can be work properly by put it on a stable place.

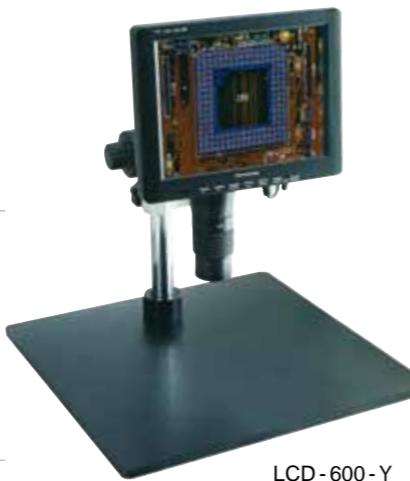
OPTICAL DATA 光学参数

型号 Model	物镜放大倍率 Eyepiece	工作距离 Working Distance(mm)	总放大倍率(配 8" 液晶屏, 1/3ccd)
LCD-600	0.65X-6.0X	100	11X - 102X
LCD-550	0.7X-5.5X	113	10X - 85X
LCD-450	0.7X-4.5X	90	24X - 152X

SPECIFICATION LIST 配置表

配置项目 Specification list	规 格 Specification	LCD-600-Y	LCD-550-W	LCD-450
液晶屏 LCD screen	8" 英寸 8" inch 10.4" 英寸 10.4" inch	● ○	● ○	● ○
缩小镜 Reduce lens	0.5X 0.45X 0.65X ~ 6.0X	● ● ●	● ● ●	● ● ●
物镜 Objective	0.7X ~ 5.5X 0.7X ~ 4.5X	● ●	● ●	● ●
三维观察镜 3-D viewing lens	手动 360° 观察 Manual, 360° viewing	○	○	○
激光定位器 Laser locator	红色 Red 1/3" 420 line 线 1/3" 420 line	○ ○	○ ○	○ ●
CCD 分辨率 Resolution	1/3" 520 line 线 1/3" 520 line 1/3" 580 line 线 1/3" 580 line	○ ●	○ ●	○ ○
照射光 Incident light	12V/10W 卤素灯 Halogen lamp 12V/10W 96T LED 环形灯 96T LED ring light	● ○	● ○	● ○
透射光 Transmitted light	5W 荧光灯 Fluorescent Lamp 5W 12V/10W 卤素灯 Halogen lamp 12V/10W	○ ●	○ ●	○ ●

注： ● 为标准配置 standard ○ 为选购配置 Optional ○ 底座型号规格尺寸可选配 Optional Base & Size



LCD-600-Y



LCD-550-W

数码系列显微镜 DIGITAL SERIES MICROSCOPES

XTX-6S、ZTX-3S、LBX-3S 系列显微镜，具有高分辨和高清晰度。该系列内置CMOS，对演示和分析十分方便。产品广泛应用于学校教育和电子工业检测、装配、修理等多个领域。

XTX-6S, ZTX-3S and LBX-3S Series microscope can provide high resolution and sharp image. With built-in CMOS software, it's very easy for demonstration and analysis. The instruments are widely used in educational field and electronical industry.



XTX-6S-W



ZTX-3S-C2



LBX-3S

OUTFIT 基本配置表

配置项目 Specification list	规 格 Specification	XTX-6S-W	ZTX-3S-C2	LBX-3S
机头 Viewing Head	斜筒双目 Inclined Binocular Head 机头 360° 旋转 Head 360° Rotatable 内置 CMOS (130 万像素) Built-in CMOS(1.3 M Pixel)	● ● ●	● ● ●	● ● ●
目镜 Eyepiece	WF5X/Ø16 WF10X/Ø20 WF15X/Ø15 WF20X/Ø10 SWF10X/Ø22 HWF10X/Ø23 转换式 2X/4X 转换式 1X/2X、1X/3X	○ ● ○ ○ ● ○ ● ○	○ ● ○ ○ ● ○ ● ○	○ ● ○ ○ ● ○ ● ○
物镜 Objective	连续变倍 Zoom magnification 1X~4X 连续变倍 Zoom magnification 0.75X~5X	● ●	● ●	● ●
调焦系统 Focusing	粗调 Coarse Focus Adjustment System 同轴粗微调 Coaxial Coarse & Fine Focus Adjustment System	● ○	● ○	● ○
照射光 Incident light	12V10W 卤素灯 Halogen lamp 12V/10W LED 灯 (3.2V20mA) X3 LED Lamp (3.2V20mA) X3 LED 灯 3.2V1W LED lamp 3.2V1W	● ○ ○	● ○ ○	● ○ ○
透射光 Transmitted light	12V10W 卤素灯 Halogen lamp 12V/10W LED 灯 (3.2V60mA) LED Lamp (3.2V60mA)	● ○	● ○	● ○
调光装置 Brightness adjustable system	● ●	● ●	● ●	● ●

注： ● 为标准配置 standard ○ 为选购配置 Optional

珠宝系列显微镜 JEWELRY SERIES MICROSCOPES

珠宝系列显微镜适用于珠宝专业商店、珠宝加工中心、珠宝玉石鉴定中心和研究所对珠宝、翡翠、钻石进行观察、技术鉴定。优良的光学质量、不同方式和角度照明系统提高了观察效果；合理的操作结构设计减轻了操作者的疲劳感，大大提高了工作效率。功能齐全的附件能满足各种不同的需求。

Jewelry series microscope is professional instrument, which is suitable for jewelry shop, jewelry processing center, jewelry and jade inspection center for observation and appraise of jewelry, emerald & jade. The excellent optical system and various illumination system to ensure better viewing effect. The reasonable operation structure can lighten operator's tiredness but improve the working efficiency. The multi-functional accessory can meet with various requirement.



XTX-7C-ZB



XDT-ZB



STX45-ZB

OUTFIT 基本配置表

配置项目 Specification list	规 格 Specification	ZTX-E-ZB	HZB-2	HZB-3	XTX-7C-ZB	XDT-ZB	STX45-ZB
直简单目							
机头 Viewing Head	斜筒双目 Inclined Binocular	●	●		●		●
	斜筒三目 Inclined Trinocular	○		●			
	机头 360° 旋转 Head 360° Rotatable	●	●	●	●	●	
	WF5X	○	○	○	○		
	WF10X/Ø15						●
	WF10X/Ø18					○	
	WF10X/Ø20	○	○	○		●	
目镜 Eyepiece	SWF10X	●	●	●			
	HWF10X	○	○	○			
	WF15X	○	○	○		○	
	WF20X	○	○	○		○	
	2X						●
	0.75X~5X						
物镜 Objective	1X~4X	●	○	○			
	0.7X~3.6X	○					
	2X/4X						
	1X/3X				○		
	1X/2X				○		
总放大率 Total magnification	10X					●	
照射光 Incident light	12V10W 卤素灯 Halogen lamp 12V/10W	●	●	●	●		
	10W 荧光灯 Fluorescent 10W	●	●	●	○		
	单束光纤 Single fiber	●	●				
透射光 Transmitted light	LED				●	●	
	12V10W 卤素灯 Halogen lamp 12V/10W	●	●	●	●		
附件 Accessory	珠宝钳 Jewel tweezers	●	●	●	●	●	●
	珠宝工作台 (带光栏) Darkfield working stage (with diaphragm)	●	●	●	●	●	●

注： ● 为标准配置 standard ○ 为选购配置 Optional



HZB-2 (局部)



HZB-2



ZTX-E-ZB



HZB-3



暗视场工作台 ASC1
Darkfield attachment ASC1

暗视场工作台 ASC2
Darkfield attachment ASC2

I型
Jewel tweezers

II型
Jewel tweezers

OPTICAL DATA 光学参数

产品型号 Model	物 镜 放 大 率 Objective	工 作 距 离 Working Distance	视 场 Field of view
XTX-7C-ZB	1X~4X	90.5	22-5.5
	0.7X~3.6X	86	26-5.8
	1X	75	20
	2X	91	10
	3X	69	6.7
HZB-02 / HZB-03	4X	70	5
	0.75X~5X	113	33-5.1
STX45-ZB	2X	75	7.5

金相系列显微镜

METALLURGICAL SERIES MICROSCOPES

金相显微镜可用于鉴别和分析各种金属、合金材料、非金属物质的组织结构。广泛地应用于电子、化工和仪器仪表行业，用来观察不透明物质的表面现象进行研究分析等工作；芯片、印刷电路板、液晶板、线材、纤维、镀涂层以及其它非金属材料等，对一些表面状况进行研究分析等工作。无限远光学系统，提供了卓越的光学性能。可供观察和鉴别各种金属和合金的组织机构。配备透照射照明、成像和观察系统、使该显微镜同时适用于生物研究。

Metallurgical microscope is suitable for appraise and analysis the structure of various metal, alloy material and non-metal material. It is widely used in electronics industry, chemical engineering and instruments and meters to observe surface of the opaque material; chip, PCB, LCD, wire, fiber, plating and other non-metal material. with infinitive optical system providing excellent optical functions. The instrument can also be used in biological study with the incident and transmitted illumination, imaging and observing system.



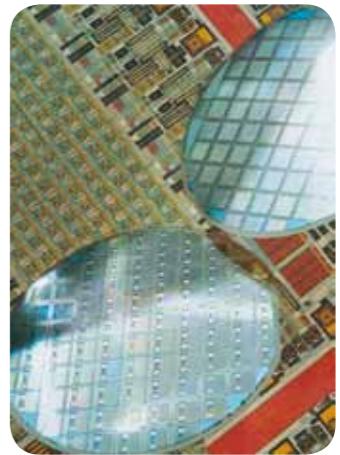
NF-100 倒置金相显微镜
NF-100 Inverted Metallurgical Microscope



NF-102A 金相显微镜
NF-102A Metallurgical Microscope



NF-106 工业检测显微镜
NF-106 Industry inspection Microscope



SPECIFICATION LIST 配置表

组件 Components	规 格 Specification	NF-100	NF-102	NF-102A	NF-106
铰链式观察头 Compensation Viewing Head	双目 Binocular 三目 Trinocular	● ○	○ ● ○	● ●	○ ○
	WF10X/18mm WF10X/22mm	○ ○	● ○ ○	● ○	○ ○
目镜 Eyepiece	WF10X/18(带 0.1mm 十字分划板 WF10X cross scaled 0.1mm) WF8X/18mm WF12.5/15mm	● ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○
物镜 Objective	无限远平场消色差物镜 Infinitive Plan Achromatic Objective 4X/0.1 / ∞ /-WD25.4mm 10X/0.25 / ∞ /-WD11.0mm 20X/0.40 / ∞ /-WD6.0mm 40X/0.60 / ∞ /-WD3.7mm 80/0.90 / ∞ /-WD0.2mm	○ ○ ○ ○ ○	● ● ● ● ○	● ● ● ● ○	● ● ● ● ○
	45mmDIN 消色差物镜 45mm DIN Achromatic Objective 10X 40X (S) 100X (S, Oil)	○ ○ ○ ○ ○	● ● ● ○ ○	● ● ● ○ ○	● ● ● ○ ○
转换器 Nosepiece	四孔转换器 Quadruple Nosepiece 三孔转换器 Triple Nosepiece	○ ○ ○ ○	● ○ ○ ○	● ○ ○ ○	● ○ ○ ○
载物台 Stage	双层机械平台 Double Layers Mechanical Stage150mmx140mm, 移动范围 Moving range75mmx50mm 双层机械平台 Double Layers Mechanical Stage300mmx268mm, 移动范围 Moving range250mmx250mm 双层机械平台 Double Layers Mechanical Stage 200X180mm, 移动范围 Moving range70X50mm	● ○	● ○	● ○	● ○
焦距调节 Focusing	同轴粗微调焦机构 Coaxial Coarse & Fine Focus Adjustment System	●	●	●	●
照明系统 Illumination	柯拉照明 6V20W 卤素灯, 亮度可调 Kohler Illumination, Halogen lamp 6V 20W,Brightness adjustable	●	●	●	●
偏光装置 Polarization	检偏和起偏装置 Polarizer	●	●	●	●
滤色镜 Filter	蓝色、黄色、绿色、磨砂玻璃片 Blue,yellow,green and Frosted glass	●	●	●	●
摄像接口 Digital Camera port	标准 C 型接口 "C" Standard port	●	●	●	●
图象分析软件 Image process soft ware		○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○	○ ○ ○ ○

注： ● 为标准配置 standard ○ 为选购配置 Optional ○ 底座型号规格尺寸可选配 Optional Base & Size

显微镜机架
THE STAND OF MICROSCOPES



显微镜配件
SPARE PART FOR MICROSCOPES



显微镜配件 SPARE PART FOR MICROSCOPES



TECHNICAL PARAMETERS 技术参数

型号 Model	单支光纤 Single Fiber	双支光纤 Dual Fiber	环形光纤 Ring Fiber	
长度 Length(mm)	550	550	900	800
光纤直径 Optical Fiber D(mm)	5.6	5.6	10	8
环形内径 Ring ID(mm)	/	/	55.5	55.5



荧光环形灯 FLUORESCENT RING LIGHT



型 号 Model	RFL8	RFL8-1	RFL8-2	RFL10-1	RFL10-2	RFL10-2T
电 压 Voltage			110V / 220V			
功 率 Power		8W			10W	
色 温 Color Temperature			2700K / 6000K			
调 光 Light adjustment		无调光 No Light adjustment			调光 Light adjustment	

LED荧光环形灯 LED RING LIGHT



TECHNICAL DATA FOR LED RING LIGHT LED环形灯主要技术参数