

ZOOM STEREO MICROSCOPES

ZTX-E SERIES



ZTX-3E



ZTX-E



ZTX-E-C2



ZTX-E-W

The instrument is a kind of binocular or trinocular stereo microscope, which can zoom magnify the micro-object and get an erect image. Suitable for educational experiment, medical research, agriculture observation, public security and scientific research, also widely used for electronic industry and precision instrument assembly and repair.

FEATURE:

1. Sharp stereo erect image over a wide field view.
2. 45° inclined and 360° rotational binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment +5dp, The interpupillary distance is between 55-75mm.
3. Zoom objective 1X-4X
4. XTX-E series supplied with pillar style stand. XTX-E-W supplied with arm curved style stand. ZTX-3E trinocular head
5. Electric apparatus has CE approval.
6. Power supply 110V/60Hz or 220V/50Hz.
7. Each set packed in styrofoam and in an inner box. Two sets in one carton.
8. A wide range of optional accessories.

OPTIONAL ACCESSORIES:

1. Eyepiece WH5X(Φ22mm), SWF10X(Φ23mm), WF15X(Φ13mm), WF20X(Φ10mm)
2. Auxiliary objective 0.5X, 0.75X, 1.5X, 2X
3. Video Attachment for Microscope
4. Darkfield stage, Φ94.5mm
5. White/black workingplate, Φ94.5mm
6. Fluorescent bulb 5W
7. Halogen bulb 12V/10W
8. Ring fluorescent lighting 8W & 10W
9. Wooden cabinet with lock and key

SPECIFICATIONS:

MODEL	EYEPIECE	OBJECTIVE	HEAD	UP&DOWN MECHANISM	BASE/ WORKING STAGE
ZTX-E	SWF10X	Zoom 1X-4X	Binocular	Pillar style	Φ95mm frosted glass working stage
ZTX-E-W	SWF10X	Zoom 1X-4X	Binocular	Arm curved style	Φ95mm frosted glass working stage
ZTX-3E	SWF10X	Zoom 1X-4X	Trinocular	Pillar style	Φ95mm frosted glass working stage
ZTX-3E-W	SWF10X	Zoom 1X-4X	Trinocular	Arm curved style	Φ95mm frosted glass working stage
ZTX-E-C1	SWF10X	Zoom 1X-4X	Binocular	Pillar style	Φ95mm white/black working stage Fan plain base
ZTX-E-C2	SWF10X	Zoom 1X-4X	Binocular	Pillar style	Φ95mm frosted glass Fan plain base

OPTICAL DATA:

Eyepiece	Standard Objective			Auxiliary Objective							
				0.5X		0.75X		1.5X		2.0X	
	Objective	Field of View	Working Distance	Field of View	Working Distance	Field of View	Working Distance	Field of View	Working Distance	Field of View	Working Distance
5X	1-4X	20-5	85	40-11	172	25-6.5	95	13-3.5	42	10-2.5	28
10X	1-4X	23-5.5	85	52-12	172	30-7	95	15-4.8	42	11-5.3	28
15X	1-4X	15.5-4	85	36-8.5	172	21-5	95	10.5-2.5	42	8-2	28
20X	1-4X	10.5-3	85	25-5.8	172	14-3.5	95	7-1.8	42	5.5-1.5	28

SZM SERIES



SZM45-B2:

Viewing head: 45° inclined, 360° rotatable binocular head or trinocular head.
The inter-pupillary distance adjustable between 54-75mm; both diopter adjustment of range+5mm.

Eyepiece: Wide field, high-eyepoint eyepiece, It can observe image of specimen with glasses.

Objective: Zoom objective magnification 0.70X-4.5X.

Magnification range: between 3.5X-180X.

Working distance: between 30mm-165mm, special maximum working distance can provide more working area for you.

Illumination: Built-in illumination system and built-out illumination system.



SZM7045TR:

Viewing head: 45° inclined, 360° rotatable trinocular head, equip TV mount and Photo tube and Photo mount.

Eyepiece: Wide filed, high-eyepoint eyepiece-WF10X20mm.

Objective: Zoom objective magnification0.70X-4.5X.

Working distance: 100mm

Magnification range: 7X-45X or 3.5X-180X(Use Auxiliary objective)

Inter-pupillary range: 55-76mm°

Both diopter range: +-5mm.



SZM7045:

Viewing head: 45° inclined, 360° rotatable binocular head

Eyepiece: Wide filed, high-eyepoint eyepiece-WF10X20mm.

Objective: Zoom objective magnification0.70X-4.5X.

Working distance: 100mm

Magnification range: 7X-45X or 3.5X-180X (Use Auxiliary objective)

Inter-pupillary range: 55-76mm

Both diopter range: +-5mm.



SZMA1:

Plane focus arm, focused by rack and pinion w/ball bearing guide.

Pillar size: $\Phi 32\text{mm}$

Drawtube size: $\Phi 76\text{mm}$

Disigned for use with SZMST1, or SZMST2 or SZMST3 or SZ-STL1 or SZ-STL2.

With a mounting hole for epi-illuminator SZM-L1



SZMA2:

Plane focus arm, focused by rack and pinion w/ball bearing guide.

Pillar size: $\Phi 24.5\text{mm}$

Drawtube size: $\Phi 76\text{mm}$



SZMA3:

With bind institution of industry.

Plane focus arm, focused by rack and pinion w/ball bearing guide.

To view object in any angle.

Drawtube size: $\Phi 76\text{mm}$.

Join size: $\Phi 16\text{mm}$



SZMST1 Pillar stand:

Used with SZMA1.

Pillar size: 2mm

Working stage: $\Phi 95\text{mm}$



SZMST2 Incident and transmitted light stand:

Used with SZMA1.

Incident light: Epi-illuminator SZML1, halogen bulb 12V/15W, brightness can adjust

Transmitted light: built-in illuminator system, halogen bulb 12V/15W. The brightness can adjust.

Pillar size: $\Phi 32\text{mm}$

Working stage: $\Phi 95\text{mm}$ glass stage plate



SZMST3 Incident and transmitted light stand :

Used with SZMA1.

Incident light: Epi-illuminator SZML1, halogen bulb 12V/15W, brightness can adjust

Transmitted light: built-in illuminator system, 230V/7W Fluorescent lamp .

Pillar size: Φ 32mm

Working stage: Φ 95mm glass stage plate

OPTICAL DATA:

Eyepiece	Standard specification		Auxiliary objective 0.5X		Auxiliary objective 1.5X		Auxiliary objective 2X	
	Working distance 100mm		Working distance 165mm		Working distance 45mm		Working distance 30mm	
	Magnification	View field	Magnification	View field	Magnification	View field	Magnification	View field
10X/20mm	7.0X	28.6mm	3.5X	57.1mm	10.5X	19mm	14X	14.3mm
	45.0X	4.4mm	22.5X	8.9mm	67.5X	3mm	90X	2.2mm
15X/15mm	10.5X	21.1mm	5.25X	42.8mm	15.75X	14.3mm	21X	10.7mm
	67.5X	3.3mm	33.75X	6.7mm	101.25X	2.2mm	135X	1.7mm
20X/10mm	14.0X	14.3mm	7.0X	28.6mm	21.0X	9.5mm	28X	7.1mm
	90.0X	2.2mm	45.0X	4.4mm	135.0X	1.5mm	180X	1.1mm

Standard Specification:

Specification		Model					
Parts	Description	SZM-45B1	SZM-45B2	SZM-45B3	SZM-45T1	SZM-45T2	SZM-45T3
Eyepiece	SZM-EWh10X/20mm	*	*	*	*	*	*
Head	SZM7045	*	*	*			
	SZM7045TR				*	*	*
Eye-cap	SZCAP	*	*	*	*	*	*
Focusing Bracket	SZM-A1	*	*	*	*	*	*
Stand	SZM-ST1	*			*		
	SZM-ST2		*			*	
	SZM-ST3			*			*
Transformer	SZ-T1		*	*		*	*

SZ SERIES



SZ45B3:

Viewing head: 45° or 60° inclined, 360° rotatable binocular head or trinocular head. The inter-pupillary distance adjustable between 54-75mm; both diopter adjustment of range+ -5mm

Eyepiece: Wide field, high-eyepoint eyepiece, It can observe image of observation specimen with glasses

Objective: Zoom objective magnification 0.67X-4.5X.

Magnification range: between 2X-225X

Working distance: 100mm, special maximum working distance can provide more working space for you

Illumination: Built-in illumination system and built-out illumination system



SZ6745:

Viewing head: 45° or 60° inclined, 360° rotatable binocular head

Eyepiece: Wide filed, high-eyepoint eyepiece-WF10X22mm

Objective: Zoom objective magnification0.67X-4.5X

Working distance: 100mm

Magnification range: 6.7X-45X or 2X-225X(Use Auxiliary objective)

Inter-pupillary range: 55-76mm

Both diopter range: +-5mm.



SZ6745TR

Viewing head: 45° or 60° inclined, 360° rotatable trinocular head, equip TV mount and Photo tube and Photo mount

Eyepiece: Wide filed, high-eyepoint eyepiece-WF10X22mm

Objective: Zoom objective magnification 0.67X-4.5X

Working distance: 100mm

Magnification range: 6.7X-45X or 2X-225X(Use Auxiliary objective)

Interpupillary range: 55-76mm.

Both diopter range: +-5mm.



SZ-ST1:

Stand with focus arm:

Focused by rack & pinion W/ball bearing guide, adjustment range 114mm.

Two focusing knobs also used for tension adjustment.

Flat base with paired clips and a black /white stage plate°

It used with SZ-B1、SZ-T1



SZ-ST2 Large rectangular stand:

It used with SZ-A1.
Provide more working area.
Pillar size:32mm
Working stage:Φ100
Stand length:260mm
Stand width:320mm .



SZ-ST3 Incident and transmitted light stand:

It used with SZ-A1.
With a built-in transformer.
With a built-in transformer illuminator with a halogen bulb 12V/15W.
With a power socket for Epi-illuminator SZ-L1
Two switches also for continuous adjustment of brightness.
With a black & white stage plate, a frosted glass stage plate, pair of clips



SZ-STL1 Arm and pillar stand:

It used with SZ-A1.
To observe specimen from different direction Provide more working area



SZ-STL2 Double arm and pillar stand:

It used with SZ-A1.
To observe specimen from any direction or any angle

OPTICAL DATA:

Zoom magnification	Eyepiece						Working distance
	SEWh10X22		SEWh15X16		SEWh20X12		
	Total magnification	View field(mm)	Total magnification	View field(mm)	Total magnification	View field(mm)	
0.67X	6.7X	23.8	10.0X	23.9	13.4X	17.9	100mm
0.70X	7.0X	31.4	10.5X	22.9	14.0X	17.1	
0.80X	8.0X	27.5	12.0X	20.0	16.0X	15.0	
1.00X	10.0X	22.0	15.0X	16.0	20.0X	12.0	
1.50X	15.0X	14.7	22.5X	10.7	30.0X	8.0	
2.00X	20.0X	11.0	30.0X	8.0	40.0X	6.0	
3.00X	30.0X	7.3	45.0X	5.3	60.0X	4.0	
4.00X	40.0X	5.5	60.0X	4.0	80.0X	3.0	
4.50X	45.0X	4.9	67.5X	3.6	90.0X	2.7	

Standard Specification:

Specification		Model				
Parts	Description	SZ45-ST1	SZ45-ST2	SZ45-ST3	SZ45-STL1	SZ45-STL2
Eyepiece	SEWh10X/22mm	*	*	*	*	*
Eye-cap		*	*	*	*	*
Binocular head	45° SZ6745/100mm	*	*	*	*	*
Focusing Bracket	SZ-A1		*	*	*	*
Stand	SZM-ST1	*				
	SZM-ST2		*			
	SZM-ST3			*		
	SZ-STL1				*	
	SZ-STL2					*
Light	SZM-L1			*		

ZTX-S SERIES



ZTX-S1



ZTX-S2

Model	ZTX-S1	ZTX-S2
Eyepiece	10X	
Zoom objective	0.7X-4.5X	1X-4X
Zoom ratio	1:6.5	1:4
Total Magnification	7X-45X	10X-40X
Working distance	90mm	90.5mm
Working field of objective	Φ25.7-Φ4	Φ20-Φ5.5
Working field of image	Φ18	
The distance between the top of microscope top and CCD image sensor	17.5	
Power supply	Electric apparatus has CE approval, Power supply 110V/60Hz or 220V/50Hz	
Illumination	Incident illumination &transmitted illumination	
Package	Each set packed in styrofoam and in an inner box. two sets in one carton	
Optional accessories	VD-TV ,VD-PC ,0.5X Medium Adapter	

XPZ-830 SERIES



XPZ-830B



XPZ-830BI



XPZ-830T



XPZ-830TI

XPZ-830B: Without the light source

XPZ-830BI : With the light source of reflection and transmitting illuminator

XPZ-830T: Without the light source

XPZ-830TI: Trinocular that can be taken apart with the light source of reflection and transmitting illuminator

Standard configurations

zoom ratio	1:8.3
Objective zoom range	0.6X-5X
Eyepiece	SWF10X/22mm
Working distance	95mm
Interpupillary distance adjustment range	48mm-75mm
Binocular head	inclination of 45°
Diopter adjustment	+/-5 diopter
Optical Body Rotation	360°
Voltage input	110V/60Hz or 220V/50Hz
Top halogen lamp	6V 15W adjustable brightness
Bottom fluorescent lamp	5W

Technical data

Project	Auxiliary Objective	Eyepiece								Working distance (mm)
		SWF10X		WF15X		WF20X		WF25X		
		Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	
Data	0.5X	3X-25X	73-8.8	4.5X-37.5X	53.3-6.4	6X-50X	43.3-5.2	7.5X-62.5X	40-4.8	200
	0.75X	4.5X-37.5X	49-5.9	6.75X-56.25X	35.5-4.2	9X-75X	28.8-3.5	11.25X-93.8X	26.6-3.2	125
	1X	6X-50X	36.7-4.4	9X-75X	26.7-3.2	12X-100X	21.6-2.6	15X-125X	20-2.4	95
	1.5X	9X-75X	24.4-2.9	13.5X-112.5X	17.7-2.1	18X-150X	14.4-1.7	22.5X-187.5X	13.3-1.6	55
	2X	12X-100X	18.4-2.2	18X-150X	13.3-1.6	24X-200X	10.8-1.3	30X-250X	10-1.2	35

GL-99 SERIES



GL-99B



GL-99BI



GL-99T



GL-99TI



GL99-V10



GL99-V7

The high performance GL Series stereo microscopes utilize a Greenough design and feature a 1:7 zoom ratio with a 103mm working distance and a large visual field. Their parfocality allows an erect image of the observed specimens to stay in focus through repeated changes in the magnification. They feature a guidepost structure, making them lightweight, and a pair of horizontal magnification changing knobs to maximize comfort. Adding to the ergonomics is a choice of observation angle, either 45 or 60 degrees. In addition to performance and comfort, a highlight of the GL is their durability. Promoting one of the finest ball bearing guide ways in the world, the focusing mechanism is extremely robust.

Standard configurations:

Zoom ratio	1:7
Objective zoom range	0.65X-4.5X
Eyepiece	SWF10X/22mm
Working distance	103mm
Interpupillary distance adjustment	55mm-75mm
Binocular head	inclination of 45° or 60°
Diopter adjustment	+5 diopter
Optical Body Rotation	360°
Voltage input	110V/60Hz or 220V/50Hz
Top halogen lamp	6V15W adjustable brightness
Bottom fluorescent lamp	5W

GL-99B: Without the light source

GL-99BI: With the light source of reflection and transmitting illuminator

GL-99T: Without the light source

GL-99TI: Trinocular that can be taken apart with the light source of reflection and transmitting illuminator

Technical data:

Project	Auxiliary Objective	Eyepiece								Working distance (mm)
		SWF10X		WF15X		WF20X		WF25X		
		Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	
Data	0.5X	3.3X-22.5X	67.7-9.8	4.9X-33.8X	49.2-7	6.5X-45X	40-5.8	8.1X-56.3X	37-5.2	163
	0.75X	4.9X-33.8X	45.1-6.5	7.3X-50.6X	32.8-4.7	9.75X-67.5	26.6-3.8	12.2X-84.4X	24.6-3.5	117
	1X	6.5X-45X	33.8-4.9	9.8X-67.5X	24.6-3.5	13X-90X	20-2.9	16.3X-112.5X	18.5-2.6	103
	1.5X	9.8X-67.5X	22.5-3.3	14.6X-101.3	16.4-2.3	19.5X-135X	13.3-1.9	24.4X-168.8X	12.3-1.7	45
	2X	13X-99X	16.9-2.5	19.5X-135X	12.3-1.8	266X-180X	10-1.4	32.5X-225X	9.2-1.3	40

GL6000 SERIES



GL-6345B



GL-6345BI



GL-6545T



GL-6545TI



GL6445B

The high performance GL 6000 Series stereo microscopes utilize a Greenough design and feature a 1:6.5 zoom ratio with a 103mm working distance and a large visual Field (23mm) Their parfocality allows an erect Image of the observed specimens to stay In focus through repeated changes In the magnification Adding to the ergonomics Is a choice of observation angle, either 45 Or 60 degrees The GL6445B zoom stereo Microscopes with built-In coaxial Illumination, Is the International coaxial illumination Technology, wide voltage It is particularly suitable for the test of LC barechip, LCD printing paste, LED roduction, PCB board, pressing and plating and observation micro-surface In Integrated circuit, metal parts, semiconductor.

Standard configurations:

Zoom ratio	1:6.5
Objective zoom range	1X-6.5X
Eyepiece	SWF10X/23mm
Working distance	103mm
Interpupillary distance adjustment range	52mm-75mm
Binocular Angle of View	Inclination 45° /60°
Diopter adjustment	+5 diopter
Optical Body Rotation	360°
Voltage input	110V/60Hz or 220V/50Hz
Top halogen lamp	6V15W Adjustable brightness
Bottom fluorescent lamp	5W

Technical data:

Project	Auxiliary Objective	Eyepiece								Working distance(mm)
		SWF10X		WF15X		WF20X		WF25X		
		Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	
Data	0.5X	5X-32.5X	46-7.4	7.5X-48.8X	32-5	10X-65X	26-4	12.5X-81.25.3X	24-..6	163
	0.75X	7.5X- 48.8X	30.7-4.7	11.3X-73.1X	21.3-3.3	15X-97.5	7.3-2.7	18.8X-121.9X	16-2.5	117
	1X	10X-65X	23-3.5	15X-97.5X	16-2.5	20X-130X	13-2	25X-162.5X	12-1.8	103
	1.5X	15X-97.5X	15.3-2.4	22.5X-146X	10.7-1.6	30X-185X	8.7-1.3	37.5X-243.8X	8-1.2	45
	2X	20X-130X	11.5-1.8	30X-195X	8-1.2	40X-260X	6.5-1	50X-325X	6-0.9	40

XTL SERIE



XTL-100



XTL-200



XTL-300



XTL-400



XTL-500



XTL-600

Exported well all over the world because of their price to performance value, the XTL Series is a customer favorite. The fixed transmission system combines with a unique zoom design to deliver a 1:7 zoom ratio. Easy operation, long working distance, clear resolved image and beautiful appearance are characteristics of the XTL series. Overall the GL Series is robust and problem free, and rates among the best stereo microscopes in the world. These microscopes are used extensively world wide in medical research and health care, biology and botany research, and agriculture, as well as in electronic component manufacturing. They are also particularly well suited for the inspection and production of LC Polymer films, exposed liquid crystals in LC circuits and glass substrates, LCD printing pastes, LED production, fabric and fiber evaluation, electronics assembly, printed circuit board manufacturing, medical device inspection and all types of quality control environments.

XTL-100: without integrated illumination

XTL-200: The square post with integrated transmitted and reflected illumination

XTL-300: The round post without integrated illumination

XTL-400: The round post with integrated transmitted and reflected illumination.

XTL-500: The trinocular body with the square post and integrated transmitted and reflected illumination

XTL-600: without integrated illumination

Standard configurations:

Zoom ratio	1:7
Objective zoom range	0.65X-4.5X
Eyepiece	10X eyepiece
Working distance	95mm
Interpupillary distance adjustment range	55mm-75mm
Binocular head	inclination of 45°
Dioptr adjustment	+5 diopter
Optical body rotation	360°
Voltage input	110V/60Hz or 220V/50Hz
Top halogen lamp	6V12W adjustable brightness
Bottom fluorescent lamp	5W

Technical data:

Project	Auxiliary Objective	Eyepiece								Working distance(mm)
		WF10X		WF15X		WF20X		WF25X		
		Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	
Data	0.5X	3.3X-22.5X	61.4-8.8	4.9X-33.8X	49.2-7	6.5X-45X	40-5.8	8.1X-56.3X	37-5.2	150
	0.75X	4.9X-33.8X	41-5.9	7.3X-50.6X	32.8-4.7	9.75X-67.5X	26.6-3.8	12.2X-84.4X	24.6-3.5	100
	1X	6.5X-45X	30.7-4.4	9.8X-67.5X	24.6-3.5	13X-90X	20-2.9	16.3X-112.5X	18.5-2.6	95
	1.5X	9.8X-67.5X	20.5-2.9	14.6X-101.3X	16.4-2.3	19.5X-135X	13.3-1.9	22.4X-168.8X	12.3-1.8	41
	2X	13X-90X	15.4-2.2	19.5X-135X	12.3-1.8	26X-180X	10-1.4	32.5X-225X	9.2-1.3	26

XTB SERIES



XTB-01



XTB-A1



XTB-B1



XTB-C



XTB-A

The XTB Series stereo microscope line is a resilient, robust, high performance optical system for the most demanding environment. With a zoom ration of 1:4 and 97mm working distance, it is ideally suited for quality control, “back end manufacturing”, medical device inspection, and many other medical and electronic manufacturing applications. These models are supplied with 10X super wide-field high point eyepieces as standard. The mechanical focusing and zoom systems are simple to use, and designed to perform flawlessly for many years. GLO offers an extensive variety of stand types, eyepieces, Auxiliary objectives, imaging adapters, light sources and dissection kits to complement the basic microscope system. This model line is well suited for both professional manufacturing and educational locales.

XTB-01: Without integrated illumination

XTB-A1: The light source base of tilted illuminate

XTB-B1: Trinocular with the light source base of titled illuminate

XTB-C: U-shaped base without integrated illumination

XTB-A: The light source base of tilted illuminate

Standard configurations:

Zoom ratio	1:4
Objective zoom range	1X-4X
Eyepiece, Big Eyepiece	10X eyepiece, 20X eyepiece, 2X big eyepiece
Working distance	95mm
Interpupillary distance adjustment range	55mm-75mm
Binocular head	inclination of 45°
Diopter adjustment	+5 diopter
Optical body rotation	360°
Voltage input	110V/60Hz or 220V/50Hz

Technical data:

Project	Auxiliary Objective	Eyepiece								Working distance(mm)
		WF10X		WF15X		WF20X		WF25X		
		Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	Magnification	Visual field	
Data	0.5X	5X-20X	40-10	7.5X-30X	32-8	10X-40X	26-6.6	12.5X-50X	24-6	160
	0.75X	7.5X-30X	26.7-6.7	11.3X-45X	21.3-5.3	15X-60X	17.3-4.4	18.8X-75X	16-4	120
	1X	10X-40X	20-5	15X-60X	16-4	20X-80X	13-3.3	25X-100X	12-3	97
	1.5X	15X-60X	13.3-3.3	22.5X-90X	10.7-2.7	30X-120X	8.7-2.2	37.5X-150X	8-2	45
	2X	20X-80X	10-2.5	30X-120X	8-2	40X-160X	6.5-1.6	50X-200X	6-1.5	30

LBX SERIES



LBXW



LBXW-LED



LBXY

FEATURES:

1. Sharp stereo erect image over a wide field of view
2. 45° inclined and rotatable binocular head
3. The interpupillary distance is between 55mm-75mm, The left ocular-tube with diopter adjustment +-5dp
4. Inside incident light, brightness adjustable, various illumination for selection
5. Power supply 110V/60Hz or 220V/50Hz
6. product has CE approval

Technique data:

Program	data
Zoom ratio	1:6.7
Objective zoom range	0.75X-5X
Eyepiece	SWF10XΦ23
Working distance	113mm
Interpupillary distance adjustment	55mm-75mm
Diopter adjustment	+-5dioper
Binocular head viewing angel	Inclination of 45°
Binocular head rotating angel	360°
Focusing range	80mm
Lux of incident LED light	6800Lux
Lux of transmitted LED light	2100Lux

Optical Data:

Objective Eyepiece		Main body	With 0.5X objective	With 0.5X objective	With 2X objective
		0.75X~5X	0.375X~2.5X	1.125X~7.5X	1.5X~10X
5X	Total magnification	3.75X~25X	1.875X~12.5X	5.625X~37.5X	7.5X~50X
	Diameter of visual field	Φ33~Φ5	Φ65~Φ10	Φ22~Φ3.3	Φ16~Φ2.5
10X	Total magnification	7.5X~50X	3.75X~25X	11.25X~75X	15X~100X
	Diameter of visual field	Φ33~Φ5	Φ65~Φ10	Φ22~Φ3.3	Φ16~Φ2.5
15X	Total magnification	11.25X~75X	5.625X~37.5X	16.875X~112.5X	22.5X~150X
	Diameter of visual field	Φ24~Φ4.2	Φ48~Φ8.5	Φ16~Φ2.8	Φ12~Φ2
20X	Total magnification	15X~100X	7.5X~50X	22.5X~150X	30X~200X
	Diameter of visual field	Φ20~Φ3.5	Φ40~Φ7	Φ13.3~Φ2.3	Φ10~Φ1.8
25X	Total magnification	18.75X~125X	9.375X~62.5X	28.125X~187.5X	37.5X~255X
	Diameter of visual field	Φ15.8~Φ2.4	Φ31.5~Φ4.8	Φ10.5~Φ1.6	Φ7.9~Φ1.2
working distance		113mm	220mm	50mm	35mm

SZX6745 SERIES



SZX6745-J1



SZX6745-J2



SZX6745-J3



SZX6745-J4



SZX6745-B1



SZX6745-B2



SZX6745-B3



SZX6745-B4



SZX6745-B5

SZX series zoom stereo microscope, fully coated optical system sharp and clear images with extremely good flatness and contrast. It is characterized by brand-new optical design, the best reproduction and true color image. With their large zoom rang and long-working distance. These are ideal for high-magnification, high-resolution observation in biological research, precision-oriented semi-conductor and other industries.

Specification	J1	J2	J3	J4	B1	B2	B3	B4	B5
Binocular & Trinocular Head Angle of viewing: 45°	*	*	*	*	*	*	*	*	*
Zoom ratio: 1:6.7	*	*	*	*	*	*	*	*	*
Eyepiece: WF10X/22mm Diopter Adjustment Eyepiece	*	*	*	*	*	*	*	*	*
Objective: 0.67X-4.5X	*	*	*	*	*	*	*	*	*
Magnification: 6.7X-45X	*	*	*	*	*	*	*	*	*

Interpupillary distance adjustment range: 54-75mm		*	*	*	*	*	*	*	*	*
Working distance: 105mm		*	*	*	*	*	*	*	*	*
Illumination: Reflected & transmitted LED illumination, adjustable brightness, switch Independent, Low-voltage security, small power consumption, low heat, long life				*	*		*			
Base	Pillar sector base with clip and Φ95mm black &white working board, Pillar height: 240mm, Diameter: Φ32mm, Base Size: 285X238mm	*								
	Vertical sector base with clip andΦ95mm black &white working board, Vertical Size: 300mm, Focus distance: 100mm, Drawtube Size:Φ76mm, Base Size: 285X238mm		*							
	Vertical sector base, Vertical Size: 300mm, Focus distance: 100mm, Drawtube Size:Φ76mm, Base Size: 285X238mm			*						
	Pillar sector base, Vertical Size: 240mm, Base Size: 285X238mm				*					
	Pillar squareness base, with clip and Φ95mm black & white working board, Pillar height: 240mm, Diameter: Φ32mm, Base Size: 200X255X22mm					*				
	Pillar base with clip and Φ95mm black &white working board, Pillar height: 240mm, Diameter: Φ32mm, Base Size: 20X255X40mm						*			
	Pillar big size squareness base, Pillar height: 240mm, Diameter: Φ32mm, Base Size: 320X260X16mm							*		
	Vertical squareness base with clip and Φ95mm black &white working board, Vertical Size: 300mm, Focus distance: 100mm, Drawtube Size: Φ76mm, size: 200X255X22mm								*	
Vertical big size squareness base, Vertical Size: 300mm, Focus distance: 100mm, Drawtube Size: Φ76mm, Base Size: 320X260X16mm									*	

XTL7045 SERIES



XTL7045(T)-J1



XTL7045(T)-J2



XTL7045(T)-J3



XTL7045(T)-J4



XTL7045-B/T1



XTL7045-B/T2



XTL7045-B/T3



XTL7045-B/T4



XTL7045-B/T5

XTL series zoom microscope adopts streamline integrated mechanical design, Easy operation, long working distance, clear resolved image, enclosure integrated. The microscope is used extensively world medical research and health care, biology and botany research, and agriculture, as well as in electronic component manufacturing. Specially suited for LED, PCB inspection, pressing plating and electronic component inspection.

XTL7045(T)-J1: Pillar sector base without illumination

XTL7045(T)-J2: Vertical sector base without illumination

- XTL7045(T)-J3: Vertical sector base with reflected and transmitted LED illumination
- XTL7045(T)-J4: Pillar sector base reflected and transmitted LED illumination
- XTL7045-B/T1: Pillar squareness base without illumination
- XTL7045-B/T2: Pillar base with reflected and transmitted LED illumination
- XTL7045-B/T3: Pillar big size squareness base without illumination
- XTL7045-B/T4: Vertical big size squareness base without illumination
- XTL7045-B/T5: Vertical squareness base without illumination

Binocular&Trinocular Head Angle of viewing	45°
Zoom ratio	1:6.4
Eyepiece	WF10X/20mm
Objective	0.7X-4.5X
Magnification	7X-45X
Interpupillary distance adjustment range	55-75mm
Working distance	100mm