

**STEREO MICROSCOPES**

**ZTX-10/20 SERIES**



ZTX-10



ZTX-20



ZTX-20-C2



ZTX-20-W

**FEATURE:**

1. Sharp stereo erect image over a wide field view.
2. Upright binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment +-5dp. The interpupillary distance is between 55-75mm.
3. Three kinds of 90° rotational objective selection: 1X/2X, 1X/3X, 2X/4X
4. ZTX-10/ZTX-20 series supplied with pillar style stand, ZTX-10-C series supplied with fan base and pillar stand, ZTX-20-W series supplied with arm curved style stand.
5. Electric apparatus has CE approval.
6. Power supply 110V/60Hz or 220V/50Hz.
7. Illuminator: Upper reflected halogen light 12V/10W, Down halogen light 12V/10W
8. Each set packed in styrofoam and in an inner box. Four sets in one carton.
9. A wide range of optional accessories

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
ZTX-10	WF10X	Rotated 1X-2X	White/black	No
ZTX-10-W	WF10X		White/black	No
ZTX-10-C1	WF10X		White/black	No
ZTX-20	WF10X	2X-4X	Frosted glass	Incident illumination & transmitted illumination
ZTX-20-W	WF10X		Frosted glass	Incident illumination & transmitted illumination
ZTX-20-C2	WF10X		Frosted glass	Incident illumination & transmitted illumination

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**OPTICAL DATA:**

Eyepiece	Stand 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	1X	20	80	37.5	120	24	75	14	40	11	25
	2X	10	80	19	120	12	75	7	40	5.5	25
	3X	7	80	12.5	120	8	75	4.5	40	3.5	25
	4X	5	80	19	120	6	75	3.5	40	2.8	25
10X	1X	20	80	37.5	120	25	75	14	40	11	25
	2X	10	80	19	120	12	75	7	40	5.5	25
	3X	7	80	12.5	120	8	75	4.5	40	3.5	25
	4X	5	80	19	120	6	75	3.5	40	3	25
15X	1X	15	80	30	120	18	75	10	40	8	25
	2X	7.5	80	15	120	9	75	5	40	4	25
	3X	5	80	9.5	120	6	75	3.5	40	3	25
	4X	3.8	80	7	120	4.5	75	2.8	40	2	25
20X	1X	10	80	19	120	12	75	7	40	5.5	25
	2X	5	80	10	120	6	75	3.5	40	2.5	25
	3X	3.5	80	6.2	120	4	75	2.4	40	2	25
	4X	2.5	80	4.7	120	3	75	2	40	1.5	25

**LTX-112 SERIES**



LTX-112 series long working distance stereo microscopes are specially designed for watching the objects which need long working distance, wide field, and high magnification. They have sharp image and uniformity illumination. They can be used comfortably and operated easily. They have compact body and good shape. They are used largely in electronic field. They can be used for testing apparatus, instrument, precision machines, micro precision fittings, and also for assembling and repairing. And they are also used in many fields such as agricultural, textile, dissection etc.

**Technical Specifications:**

1. Total magnification: 10X-80X
2. Long working distance objectives: 2X, 4X (1X, 3X optional)
3. High point wide field eyepiece: HWF10X (HWF15X, HWF20X optional)
4. Binocular head: 45° inclined and 360° rotatable binocular head. The interpupillary distance is between 55-75mm. The left ocular tube with diopter adjustment: +5dp.
5. Illumination systems: top and bottom lights are designed to operate separately. Top illuminator 6V/15W halogen lamp, bottom illuminator 6V/12W halogen lamp. Brightness is adjustable. (Top illuminator: ring fluorescent lighting 220V/10W optional)

**Optical Data:**

Objective Magnification	High Point Wide Field Eyepiece						Working Distance
	HWF10X		HWF15X		HWF20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	10X	23mm	15X	15.0mm	20X	13.5mm	163mm
2X	20X	11.5mm	30X	7.5mm	40X	6.75mm	126mm
3X	30X	7.66mm	45X	5.0mm	60X	4.5mm	118mm
4X	40X	5.75mm	60X	3.75mm	80X	3.37mm	112mm

**DTX SERIES**



DTX20-W



DTX10-W



DTX21



DTX11-W

**FEATURE:**

1. Sharp stereo erect image over a wide field of view
2. 45° inclined and 360° rotatable binocular head with locked-in eyepiece. The left and right ocular-tube with diopter adjustment +5dp
3. Three kind of 90° 1X/2X,1X/3X,2X/4X,Two kinds of objective rotation for selection: DTX11 are rotated by objective cover, DTX21 are rotated by knob.
4. Power supply 110V/60Hz or 220V/50Hz
5. Product has CE approval
6. Illumination: L1.Upper reflected halogen light 12V 10W;down halogen light 12V 10W  
L2.Upper reflected halogen light 12V10W  
L3.Fiuorescent tamp 5W for transmitted light and halogen lamp12V/10W for incident light  
L4.Filuorescent lamp 5W for transmitted light and halogen lamp 12V/10W for incident light. Brightness is adjustable  
L5.It always adopts led lights for the transmission and reflex illumination
1. Each packed in styrofoam and in an inner box, four sets in one canton

**Specification:**

Model	Eyepiece	Objective	Plate	Illumination
DTX20-W	SWF10X	1X-2X 2X-4X 1X-4X	Frosted glass	Incident illumination & transmitted illumination
DTX10-W	SWF10X		White/back	Natural illumination
DTX21	SWF10X		Frosted glass	Incident illumination & transmitted illumination
DTX11-W	SWF10X		White/back	Natural illumination

**Optical Data:**

Objective Magnification	EYEPIECES								Working distance (mm)
	WF5X		SWF10X		WF15X		WF20X		
	Magnifi- cation	Field of view (mm)	Magnifi- cation	Field of view (mm)	Magnifi- cation	Field of view (mm)	Magnifi- cation	Field of view (mm)	
1X	5X	20.0	10X	22.0	15X	15.0	20X	1.0	91.5
2X	10X	10.0	20X	11.0	30X	7.5	40X	6.5	
1X	5X	20.0	10X	22.0	15X	15.0	20X	10.0	91.5
3X	15X	7.0	15X	7.3	45X	5.0	60X	4.3	
2X	10X	10.0	20X	7.3	30X	7.5	40X	6.5	91.5
4X	20X	5.0	40X	5.5	60X	3.7	80X	3.2	

**XTX-1 SERIES**



XTX-1A



XTX-1B



XTX-1C

**FEATURE:**

1. Sharp stereo erect image over a wide field view.
2. Upright binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment +-5dp. The interpupillary distance is between 55-75mm.
3. Dovetail inserted style objective with locked-in device ensure easy replacement. Objective 1X, 2X, 3X, 4X, 6X for selection.
4. XTX-1(A, B, C) series supplied with pillar style stand.
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. Four sets in one carton.
8. Eyepiece WF5X, WF10X, WF15X, WF20X for selection

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-1A	WF10X	Inserted 2X	White/black	No
XTX-1B	WF10X	Inserted 2X	White/black	Incident illumination
XTX-1C	WF10X	Inserted 2X	Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	57mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	80mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3mm	61mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2mm	57mm
6X	30X	4.0mm	60X	3.3mm	90X	2.5mm	120X	2.1mm	66mm

**XTX-2 SERIES**



XTX-2A



XTX-2B



XTX-2C

**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. Dovetail inserted style objective with locked-in device ensures easy replacement. Objective 1X, 2X, 3X, 4X, 6X for selection. XTX-2(A, B, C) series supplied with pillar style stand.
4. Electric apparatus has CE approval.
5. Power supply 110V/60Hz or 220V/50Hz.
6. Each set packed in styrofoam and in an inner box. Four sets in one carton.
7. Eyepiece WF5X, WF10X, WF15X, WF20X for selection

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-2A	WF10X	Inserted 2X	White/black	No
XTX-2B	WF10X	Inserted 2X	White/black	Incident illumination
XTX-2C	WF10X	Inserted 2X	Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	57mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	80mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3mm	61mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2mm	57mm
6X	30X	4.0mm	60X	3.3mm	90X	2.5mm	120X	2.1mm	66mm

**XTX-3 SERIES**



XTX-3A



XTX-3B



XTX-3C

**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. Three kinds of 180° rotational objective selection: 1X/2X, 1X/3X, 2X/4X
4. XTX-3(A, B, C) series supplied with pillar style stand. XTX-3(A, B, C)-W series supplied with arm curved style stand.
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. Four sets in one carton.
8. Eyepiece WF5X, WF10X, WF15X, WF20X for selection

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-3A	WF10X	Rotated 1X-2X 1X-3X 2X-4X	White/black	No
XTX-3A-W	WF10X		White/black	No
XTX-3B	WF10X		White/black	Incident illumination
XTX-3B-W	WF10X		White/black	Incident illumination
XTX-3C	WF10X		Frosted glass	Incident illumination & transmitted illumination
XTX-3C-W	WF10X		Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	57mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0m	57mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3m	
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5m	57mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2m	



**XTX-4 SERIES**



XTX-4A



XTX-4B



XTX-4C

**FEATURE:**

1. Sharp stereo erect image over a wide field view.
2. Upright binocular head with locked-in eyepiece. The left ocular-tube with diopter adjustment +-5dp. The interpupillary distance is between 55-75mm.
3. XTX-1(A, B, C) series with fixed style objective.
4. XTX-1(A, B, C) series supplied with pillar style stand.
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. Four sets in one carton.
8. Eyepiece WF5X, WF10X, WF15X, WF20X for selection

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-4A	WF10X	Fixed 2X	White/black	No
XTX-4B	WF10X	Fixed 2X	White/black	Incident illumination
XTX-4C	WF10X	Fixed 2X	Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	57mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	80mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3mm	61mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2mm	57mm
6X	30X	4.0mm	60X	3.3mm	90X	2.5mm	120X	2.1mm	66mm

**XTX-5 SERIES**



XTX-5A



XTX-5A-W



XTX-5B



XTX-5C



XTX-5C-W

**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. Three kinds of 90° rotational objective selection: 1X/2X, 1X/3X, 2X/4X
4. XTX-5(A, B, C) series supplied with pillar style stand. XTX-3(A, C)-W series supplied with arm curved style stand.
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. Four sets in one carton.
8. A wide range of optional accessories

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-5A	WF10X	Rotated 1X-2X 1X-3X 2X-4X	White/black	No
XTX-5A-W	WF10X		White/black	No
XTX-5B	WF10X		White/black	Incident illumination
XTX-5C	WF10X		Frosted glass	Incident illumination & transmitted illumination
XTX-5C-W	WF10X		Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	76mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	76mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3mm	
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	76mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2mm	

**XTX-6/7 SERIES**



XTX-6A



XTX-6C



XTX-6C-W



XTX-7A-W



XTX-7C-W

**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. Three kinds of 90° rotational objective selection: 1X/2X, 1X/3X, 2X/4X
4. XTX-6(A, C) series supplied with pillar style stand. XTX-6(A, C)-W, XTX-7(A, C)-W series supplied with arm curved stand.
5. Electric apparatus has CE approval. Power supply 110V/60Hz or 220V/50Hz.
6. Each set packed in styrofoam and in an inner box. Four sets in one carton.
7. A wide range of optional accessories

**SPECIFICATIONS:**

MODEL	EYEPIECE	OBJECTIVE	PLATE	ILLUMINATOR
XTX-6A	WF10X	Rotated 1X-2X 1X-3X 2X-4X	White/black	No
XTX-6C	WF10X		Frosted glass	Incident illumination & transmitted illumination
XTX-6A-W	WF10X		White/black	No
XTX-6C-W	WF10X		Frosted glass	Incident illumination & transmitted illumination
XTX-7A-W	WF10X		Frosted glass	No
XTX-7C-W	WF10X		Frosted glass	Incident illumination & transmitted illumination

**OPTICAL DATA:**

Objective Magnification	EYEPIECES								Working Distance
	5X		10X		15X		20X		
	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	Magnification	Field of View	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0mm	76mm
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5mm	
1X	5X	20.0mm	10X	20.0mm	15X	15.0mm	20X	10.0m	76mm
3X	15X	7.0mm	30X	6.7mm	45X	5.0mm	60X	4.3m	
2X	10X	10.0mm	20X	10.0mm	30X	7.5mm	40X	6.5m	76mm
4X	20X	5.0mm	40X	5.0mm	60X	3.7mm	80X	3.2m	