



XSP - 3CA

1. Rational design.
2. Compact structure.
3. Features ease of operation.

Technical Indicators

The instrument is a biological microscope of rational design, compact structure and features ease of operation it is suited for research fields, such as biology, bacteriology and pharmaceutical chemistry.

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

XSP - 8CA

The microscope can be widely used in biology, bacteriology, histology, pharmaceutical chemistry such as research in medical. Biological Microscope XSP-8CA

Technical Indicators:

1. Objective eyepiece and magnification	Image system total magnification condition 1/3 CCD 14 display
2. Trinocular tube	: Hinged position angle 360 ° and 30 ° pupil distance adjustable diopter
3. The total magnification	: 40 x ~ 1600 x (visual) 120 x ~ 3000 x (images)
4. Mechanical tube length	: 160 mm
5. Worktable	: 160 x 140 mm movement range: 76 x 50 mm grid cursor value: 0.1 mm
6. Focus	: The coaxial coarse to fine-tune adjustment devices limit the scope of focus: 35 mm fine-tuning Cell value: 0.002 mm
7. Abbe condenser	: Numerical aperture NA1.25 with variable optical column and filter, structure can raise and fall. Adjustment range: 40 mm
8. Lighting System	: light bar with variable transmission of lighting systems, continuously adjustable brightness,
9. Halogen	: 20W/6V





XSP - 1CA

**Illumination, Condenser Disc Diaphragm, Plan
concave Mirror Optional parts insert Illumination**

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Features

- 1, the traditional models, stable quality, cost-effective.
- 2, lift the Abbe condenser, condenser adjustment range, and good contrast.
- 3, the planetary coaxial coarse and fine focusing device, comfortable and smooth focusing.
- 4, the double layer mechanical stage with a scale ruler, coaxial vertical and horizontal hand wheel adjustment, more agile operation.

Monocular	Monocular 45° , inclined 360° ,rotatable
Magnification	40 times to 1600 times
Nosepiece	Quadruple Nosepiece
Eyepiece	WF10X/Φ18mm,WF16X/Φ11mm
Objective	4X/0.10,10X/0.25,40X(S)/0.65,100X(S)oil/1.25
Loading Platform	Double mobile platform , 125*120mm
moving range	70*30mm
Condenser	N.A.1.25 ,in the Abbe condenser adjustable with a variable optical bar and filter
Power supply	powered by 220V / 20W halogen lighting
Focusing mechanism	15mm Coaxial coarse focusing mechanism
Tube length	160mm
Fine Division	0.002mm



Technical Parameter Contrast

Model	XSP – 1CA	XSP – 2CA	XSP - 3CA	XSP – 8CA	XSP – 10CA
TUBE	Monocular	Binocular	Monocular	Binocular	Trinocular
THE CONDENSER AND LIGHTBAR	Able condenser Variable iris diaphragm And filter	Able condenser Variable iris diaphragm And filter	Able condenser Variable iris diaphragm And filter	Able condenser Variable iris diaphragm And filter	Able condenser Variable iris diaphragm And filter
EYEPIECE	Huygens eyepiece HSX,H10X,H5X	Wide-angle eyepiece WF10X Huygens eyepiece H16x	Wide-angle eyepiece WF10X Huygens eyepiece H16x	Wide-angle eyepiece WF10X Huygens eyepiece H16x	Wide-angle eyepiece WF10X Huygens eyepiece H16x
ACHROMATIC OBJECTIVE	10X,40X(S) 100x(S)	10X,40X(S) 100x(S)	4X,10X 40X(S),100X(S)	4X,10X 40X(S),100X(S)	4X,10X 40X(S),100X(S)
LIGHTING	Halogen Lamp 6V/20W	Halogen Lamp 6V/20W	Halogen Lamp 6V/20W	Halogen Lamp 6V/20W	Halogen Lamp 6V/20W
POWER SOURCE	Nature Light Source	Electric Light Source	Electric Light Source	Electric Light Source	Electric Light Source

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XSP - 2CA

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This is a reasonable design, compact structure, light ciomicroscopy.

For research experiments in biology, bacteriology, medicine, chemistry and other disciplines

Technical indicators

Lab Biological Microscope XSP-2CA

1. OEM,CE passed
2. Used in scientific research for Laboratory, Hospitals, Colleague

Technical Parameters:

Mode	XSP-2CA
Achromatic objective	4X/0.10NA, 10X/0.25NA, 40X/0.65NA, 10X/1.25NA
Eyepiece	10X/18mm, 16X/11mm
Observed head	360° rotatable, monocular 30° tilt
Binocular auxiliary mirror	1X
Condenser	N.A.1.25, in the Abbe condenser adjustable with a variable optical bar and filter
Magnification	40X to 1600X
Focus range	15mm
Pupil spacing	55mm to 75mm
Tube length	160mm
Halogen bulb	6V/20VA
Light source	220V
The stage size	125•120mm



XSP - 10CA

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Technical Parameters:

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|--|-------------------------------|
| 1. Flat-field eyepiece | : 6.3X, 10X, 16X |
| 2. Achromatic objective | : 4X, 10X, 40X (shells), 100X |
| 3. The total magnification | : 25X-1600X |
| 4. Mechanical tube length | : 160mm |
| 5. Binocular pupil distance | : 54mm-76mm |
| 6. Double deck mechanical stage | : Size: 135mm x 135mm |
| Moving range: X direction | : 70mm; Y direction: 50mm |
| 7. NA1.25 condenser with iris diaphragm and filter | |
| 8. Camera and CCD interface is optional. | |