

## ST-6 Series Zoom Stereo Microscope

Excellent optical system can provide operators high-quality images.

Kinds of functional accessories can fulfill different needs which require high precision, such as research, medical, QC and etc.."

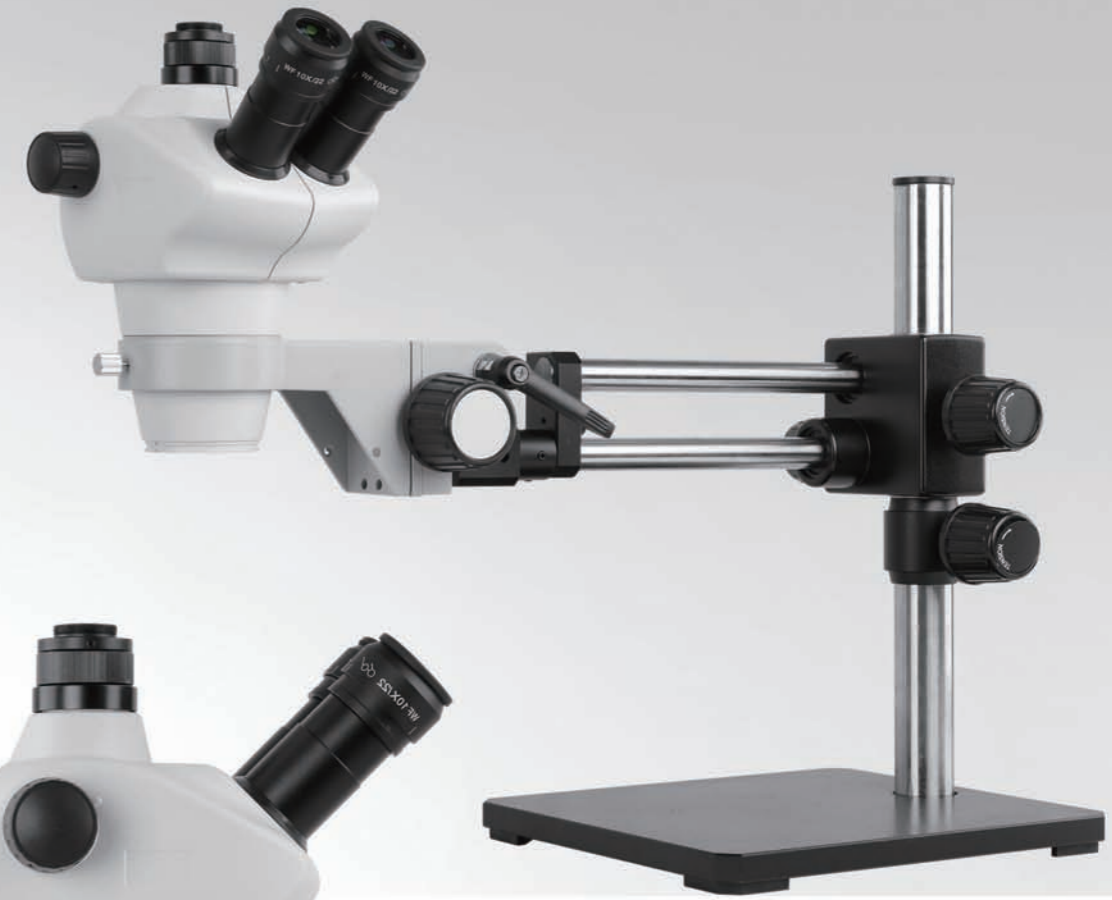
### Characteristic

- ★ Well-coated optical system can provide sharp & clear images with extremely flatness and contrast.
- ★ Ergonomic design can make users feel comfortable after long-time operation."
- ★ Standard zoom magnification 8X-50 with zoom ratio 1:6.3. Standard working distance is 115mm. With additional objectives, it can be increased to 211mm."
- ★ Configured with WF10X/22mm eyepiece. Each eyepiece allows diopter adjustment to suit different users.
- ★ Full set of eyepiece, auxiliary objectives and other accessories can fulfill different needs."



## ST-6 Series Zoom Stereo Microscope High-Quality Inspection On Your Production Line

Specially designed for Industrial Inspection & QC departments, ST-6 series zoom stereo microscope is an important part of manufacturing system that require precise optical tests during production and processing of components and systems. If your company depends on reliable optical inspection during the production process, then ST-6 is the ideal solution for you. . Large long working distance, 115mm, can make operation much more easier during observation.



## Easy-To-Use & Cost-Effective For Teaching and Learning

Besides, ST-6 zoom stereomicroscope is also a good instrument for students to enrich their learning experience. Special specimen preparation skills are not required. Students will soon be able to use the stereomicroscope independently after a brief introduction and a few practical exercises. Objects found in nature, such as plants and insects, or items from around the house, such as coins, stamps, pieces of cloth can also be used for observation.



## Base, Focus Arm & Stand

Kinds of base and stand can be supplied. There is no need to switch the optical system when changing the base, or stand. This will make operation much easier.

### Illumination

Low Energy Consumption LED illumination can be configured for both Transmitted & Reflected illumination.



### Excellent Optical Performance and Optical Components

Eyepiece with Diopter Adjustment

High-resolution Auxiliary Objectives



WF10X/22mm



WF15X/16mm



WF20X/12.5mm



0.5X/W.D. 211mm



0.7X/W.D. 137mm



2X/W.D. 43.5mm

Kinds Of Stands

Led Illumination, Fiber Optics Illumination And Video Accessories.



Standard Stands



Universal Stands



LED Ring Light



LED Ring Light



C Adaptor 0.4X



Cold Light Source



### Specifications of ST-6 Zoom Stereo Microscope

|                      |  |
|----------------------|--|
| Magnification        | Standard Zoom Magnification: 8X-50X. With additional eyepiece & objectives, can reach 4X-200X.                                     |
| Zoom Ratio           | 0.8X-5X with Zoom Ratio 6.3:1  |
| Observation Head     | 45°inclined, 360°rotatable. Interpupillary range from 52mm-75mm. Binocular or Trinocular head. Distribution is 3:7 for Trinocular. |
| Eyepiece             | WF10X/22mm   |
| Working Distance     | Standard Working Distance is 115mm. With additional objectives can be up to 45mm-211mm.  |
| Auxiliary Objectives | 0.5X/210mm; 0.7X/130mm; 2X/45mm  |
| Focusing Unit        | Coarse Focusing Knob with tension adjustable. Adjusting range 100mm.   |
| Base                 | Ø100mm Black/White Board ; Ø100mm Frosted Glass with Transmitted LED illumination  |
| Illumination         | Transmitted LED illumination   |
|                      | Reflected LED illumination   |
|                      | Input Voltage: AC100-240V, 50/60Hz   |

### Optional Eyepiece

| Eyepiece | F.O.V  | Diopter Adjustment |
|----------|--------|--------------------|
| WF10X    | 22mm   | D-8 ~ +5           |
| WF15X    | 16mm   |                    |
| WF20X    | 12.5mm |                    |

### Technical Parameter

| Objectives   | WF10X/22mm    |           | WF15X/16mm    |           | WF20X/12.5mm  |           |
|--------------|---------------|-----------|---------------|-----------|---------------|-----------|
|              | Magnification | F.O.V(mm) | Magnification | F.O.V(mm) | Magnification | F.O.V(mm) |
| 1X/WD115mm   | 8-50X         | 27.5-4.4  | 12-75X        | 20-3.2    | 16-100X       | 15.6-2.5  |
| 0.5X/WD211mm | 4-25X         | 55-8.8    | 6-37.5X       | 40-6.4    | 8-50X         | 31.2-5.0  |
| 0.7X/WD137mm | 5.6X-35X      | 39.2-6.2  | 8.4X-52.5X    | 28.5-4.5  | 11.2X-70X     | 22.2-3.5  |
| 2X/WD43.5mm  | 16-100X       | 13.8-2.2  | 24-150X       | 10-1.6    | 32-200X       | 7.8-1.3   |

### ST6 Configuration Chart

