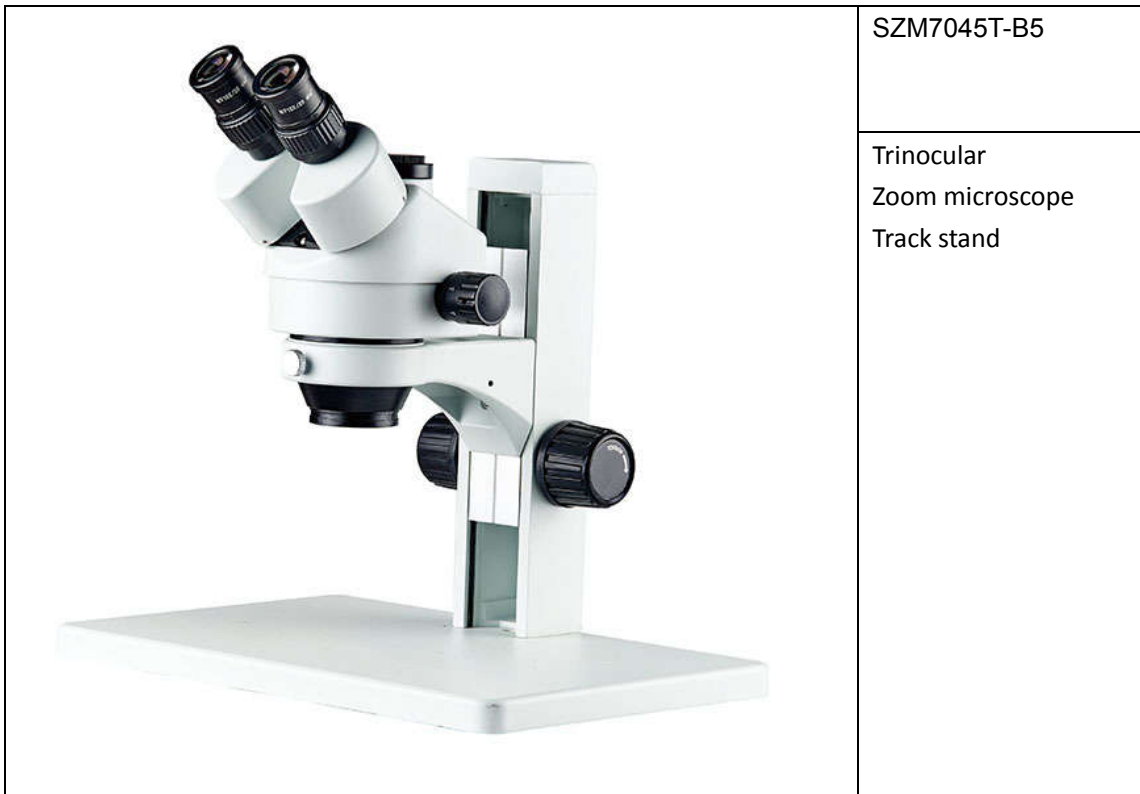


# NINGBO CHUTONG ELECTRIC CO LTD

## stereo zoom microscope



stereo microscope is typically used to inspect larger, opaque, and 3D objects, such as small electronic components or stamps.

stereo microscope is an optical microscope that provides a three-dimensional view of a specimen. It is also known by other names such as dissecting microscope and stereo zoom microscope. Dissecting microscope parts include separate objective lenses and eyepieces. As a result, you have two separate optical paths for each eye. The slightly different angling views to the left and right eyes produce a three-dimensional visual. Because it gives the three-dimensional view it is also called as the dissecting microscope.

stereo zoom microscope features

1. The left and right beams in the binocular tube are not parallel, but have a certain included angle-the body angle of view (generally  $12^{\circ}\sim 15^{\circ}$ ), so the imaging has a three-dimensional stereoscopic impression;
2. The image is upright, easy to operate and dissect, because the prism under the eyepiece turns the image upside down;
3. Although the magnification can be up to about 200 times, its working distance is very long. After adding an additional lens in front of the objective lens, the working distance can reach 200mm;
4. The focal depth is large, which is convenient for observing the whole layer of the object under inspection. At low magnification, the focal depth can reach 5.6mm;
5. Large field diameter, up to about 65.7mm at low magnification.

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| Eyepiece          | Standard   |        | Auxiliary Lens<br>0.5X |        | Auxiliary Lens<br>1.5X |        | Auxiliary Lens<br>2X |        |
|-------------------|--|--------|------------------------|--------|------------------------|--------|----------------------|--------|
|                   | W.D. 100mm   |        | W.D. 165mm             |        | W.D. 45mm              |        | W.D. 30mm            |        |
|                   | Mag.   | F.O.V  | Mag.                   | F.O.V  | Mag.                   | F.O.V  | Mag.                 | F.O.V  |
| 10X/20mm          | 7.0X   | 28.6mm | 3.5X                   | 57.1mm | 10.5X                  | 19mm   | 14.0X                | 14.3mm |
|                   | 45.0X  | 4.4mm  | 22.5X                  | 8.9mm  | 67.5X                  | 3mm    | 90.0X                | 2.2mm  |
| 15X/15mm          | 10.5X  | 21.1mm | 5.25X                  | 42.8mm | 15.75X                 | 14.3mm | 21.0X                | 10.7mm |
|                   | 67.5X  | 3.3mm  | 33.75X                 | 6.7mm  | 101.25X                | 2.2mm  | 135.0X               | 1.7mm  |
| 20X/10mm          | 14.0X  | 14.3mm | 7.0X                   | 28.6mm | 21.0X                  | 9.5mm  | 28.0X                | 7.1mm  |
|                   | 90.0X  | 2.2mm  | 45.0X                  | 4.4mm  | 135.0X                 | 1.5mm  | 180.0X               | 1.1mm  |
| 25X/9mm           | 17.5X  | 12.9mm | 8.85X                  | 25.4mm | 26.2X                  | 8.6mm  | 35.0X                | 6.4mm  |
|                   | 112.5X   | 2.0mm  | 56.3X                  | 4.0mm  | 168.8X                 | 1.3mm  | 225.0X               | 1.0mm  |
| 30X/8mm           | 21.0X  | 11.4mm | 10.5X                  | 22.9mm | 31.5X                  | 7.6mm  | 42.0X                | 5.7mm  |
|                   | 135.0X   | 1.8mm  | 67.5X                  | 3.6mm  | 202.5X                 | 1.2mm  | 270.0X               | 0.9mm  |
| Magnification     | 7X-45X, 3.5X-270X with optional eyepieces and objectives                       |        |                        |        |                        |        |                      |        |
| Eyepiece          | WF10X/20mm high-eyepoint, wide-field; Convenient for observers wearing glasses |        |                        |        |                        |        |                      |        |
| Optional Eyepiece | WF10X/20mm, WF15X/15mm, WF20X/10mm, WF25X/9mm, WF30X/8mm                       |        |                        |        |                        |        |                      |        |
| Main Body         | Trinocular head, 45° inclined, 360° rotatable, can be locked in any position   |        |                        |        |                        |        |                      |        |
|                   | Interpupillary Distance adjustment:54-76mm; Diopter adjustment:±5 diopters     |        |                        |        |                        |        |                      |        |
| Objective         | 0.7X-4.5X stereo zoom; Zoom Ratio:6.4:1  |        |                        |        |                        |        |                      |        |
| Aux Lens          | 0.3X, 0.5X, 0.7X, 0.75X, 1.5X, 2X  |        |                        |        |                        |        |                      |        |
| Focus Mount       | 76mm 32mm Focus holder, Vertical Height 300mm, Focusing Distance 106mm         |        |                        |        |                        |        |                      |        |
| Stand             | Base Size: 380x260x20mm  |        |                        |        |                        |        |                      |        |
| Illumination      |  |        |                        |        |                        |        |                      |        |

stereo zoom microscope application

Suitable for electronic circuit boards, chip packaging, jewelry identification, research phase analysis, micro-precision quality control, assembly, public security, bank trace comparison, teaching demonstration, clinical surgery samples, agricultural selection, textile inspection, breeding industry selection Pathological analysis. observation, assembly and inspection of micro-components and integrated circuits on the production lines of PCB, LCD and other industries, as well as the inspection of precision parts for mechanical finishing.

Meet the requirements of high precision in modern biology, medicine, scientific research, modern electronic industry online detection and other science and technology industries.