

BS-3020 Zoom Stereo Microscope



BS-3020B

BS-3020T

BS-3020BD

Introduction

Stereo microscopes are also known as low magnification and dissecting microscopes. BS-3020 Stereo Zoom Microscope on a post stand offers upright, un-reversed 3D images that very clear throughout the zoom range. Optional eyepieces and auxiliary objectives expand magnification range and working distances.

BS-3020 is a very popular zoom stereo microscope. Optional cold light and ring light can be chosen for this microscope. You can also choose trinocular head to add digital camera with the appropriate camera adapter. In summary BS-3020 gives many range of magnifications, working distances, photo options, accessories and is very convenient to use – no wonder it is popular!

Feature

1. High quality, high function and excellent cost performance.
2. High resolution, Wide viewing field, Long working distance.
3. Ergonomic design, sharp image display, wide viewing field and easy to operate.
4. Providing a wide viewing field of $\Phi 20\text{mm}$ with the zoom ratio of 1:4.5.
5. Ideal instrument in academic, medical and industrial field.

Application

The microscope can be used for circuit board repair and inspection, SMT work, electronics inspection, coin collecting, gemology and gemstone setting, engraving, repair and inspection of small parts.

Specification

| Item | Specification | BS-3020B | BS-3020T | BS-3020BD |
|--------------|--|----------|----------|-----------|
| Viewing Head | Binocular head, inclined at 45°, Interpupillary Distance 55-75mm | ● | | |
| | Binocular head, inclined at 60°, Interpupillary Distance 55-75mm | ○ | ○ | |
| | Trinocular head, inclined at 45°, Interpupillary Distance, 55-75mm | | ● | |
| | Binocular head with 1.3MP digital camera, inclined at 45°, Interpupillary Distance 55-75mm, ScopelImage 9.0 software | | | ● |
| Eyepiece | Wide field eyepiece 10×/ 20mm | ● | ● | ● |
| | Wide field eyepiece 15×/ 16mm | ○ | ○ | ○ |

| | | | | | |
|------------------|---|--------------------|---|---|---|
| | Wide field eyepiece 20×/ 12mm | ○ | ○ | ○ | |
| | Wide field eyepiece 30×/8mm | ○ | ○ | ○ | |
| | WF10× Eyepiece with cross line | ○ | ○ | ○ | |
| Objective | Zoom objective | 0.7×~3× | ○ | ○ | ○ |
| | | 1×~4.5× | ● | ● | ● |
| | Auxiliary objective | 2×, W.D.: 30mm | ○ | ○ | ○ |
| | | 0.75×, W.D.: 120mm | ○ | ○ | ○ |
| | | 0.63×, W.D.: 137mm | ○ | ○ | ○ |
| | 0.5×, W.D.: 180mm | ○ | ○ | ○ | |
| Zoom Ratio | 1:4.3 | ○ | ○ | ○ | |
| | 1:4.5 | ● | ● | ● | |
| Working Distance | 97mm | ● | ● | ● | |
| Focusing | Coarse Focus, Focusing Range 100mm | ● | ● | ● | |
| Illumination | Incident Illumination 100V-240V/ LED | ● | ● | ● | |
| | Transmitted Illumination 100V-240V/ LED | ● | ● | ● | |
| Attachment | Photo Attachment (Used for connecting Nikon or Canon DSLR camera to the microscope) | ○ | ○ | ○ | |
| | Video Attachment (0.5× C-mount) | ● | ● | ● | |
| Package | 1pc/carton, 36.5cm*31cm*52cm, 6kg | ● | ● | ● | |

Note: ● Standard Outfit, ○ Optional