



## Zoom Microscope SZM

Optical system of Optech's SZM series Zoom Stereo microscope is newly, Fully coated optical system sharp and clear images with extremely good flatness an contrast.

The images are brighter and more distinct even as the periphery of the field of view. With their large zoom range and long-working distance, These are ideal for high-magnification, high-resolution observation in precision-oriented semiconductor and other industries.

### Product Features

- Viewing head 45°inclined, 360°rotatable binocular head or trinocular head. The inter-pupillary distance adjustable between 54-75mm; both diopter adjustment of range  $\pm 5$ mm
- Eyepiece : Wide field, high-eyepoint eyepiece, it can observe image of observation specimen with glasses
- Objective : Zoom objective magnification 0.70x-4.5x
- Magnification range : between 3.5x-180x
- Working distance : 100mm
- Illuminator : Fluorescent ring Illuminator system



**SZM-B1**



**SZM-B**



**SZM-T (Trinocular Head)**



**Transmitted Stand**

| Eyepiece             | Objective                    | Main body     | With 0.5X objective | With 1.5X objective | With 2X objective |
|----------------------|------------------------------|---------------|---------------------|---------------------|-------------------|
|                      |                              | 0.7X ~ 4.5X   | 0.35X ~ 2.25X       | 1.05X ~ 6.75X       | 1.4X ~ 9X         |
| 10X/20 mm            | Total magnification          | 7X ~ 45X      | 3.5X ~ 22.5X        | 10.5X ~ 67.5X       | 14X ~ 90X         |
|                      | Diameter of visual field(mm) | 28.60 ~ 4.40  | 57.10 ~ 8.90        | 19.00 ~ 3.00        | 14.30 ~ 2.20      |
| 15X/15 mm            | Total magnification          | 10.5X ~ 67.5X | 5.25X ~ 33.75X      | 15.75X ~ 101.25X    | 21X ~ 135X        |
|                      | Diameter of visual field(mm) | 21.10 ~ 3.30  | 42.80 ~ 6.70        | 14.30 ~ 2.20        | 10.70 ~ 1.70      |
| 20X/10 mm            | Total magnification          | 14X ~ 90X     | 7X ~ 45X            | 21X ~ 135X          | 28X ~ 180X        |
|                      | Diameter of visual field(mm) | 14.30 ~ 2.20  | 28.60 ~ 4.40        | 9.50 ~ 1.50         | 7.10 ~ 1.70       |
| Working distance(mm) |                              | 100           | 165                 | 45                  | 30                |

Website : <http://www.opticascope.com>