



# TOP Z Series

Fluorescent Stereo Microscope



MICROSCOPY



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## Fluorescent Stereo Microscope

### Description

Fluorescent Stereo microscope realizes fluorescence observation of living cell, widely used in biology industrial inspection, criminal justice etc..  
It is an essential tool of fluorescence inspection for security printing and ideal instruments for mineral research.

### Specifications

|                                |   | ZB50                         | ZB60 | ZB80 |   |
|--------------------------------|---|------------------------------|------|------|---|
| Optical System                 | Parallel optical zoom system  | ●                            | ●    | ●    |   |
| Viewing Head                   | Binocular head, 20° inclined  | ●                            | ●    | ●    |   |
|                                | Tilting binocular eyepiece head, 5-35° inclined                                     | ○                            | ○    | ○    |   |
| Diopter Adjustment Eyepiece    | EW10X/22  | ●                            | ●    | ●    |   |
|                                | WF15X/16  | ○                            | ○    | ○    |   |
|                                | WF20X/12  | ○                            | ○    | ○    |   |
|                                | WF30X/8   | ○                            | ○    | ○    |   |
| Fluorescent Attachment         | GFP-B (EX460-500, DM505, BA510-560)   | ●                            | ●    | ●    |   |
|                                | GFP-L (EX460-500, DM505, BA510)   | ●                            | ●    | ●    |   |
|                                | CFP-B (EX430-450, DM455, BA465-495)   |                              |      |      |   |
|                                | YFP-B (EX490-510, DM525, BA530-560)   | ○                            | ○    | ○    |   |
|                                | G (EX515-550, DM570, BA590)<br>RFP-B (EX525-555, DM570, BA585)                      |                              |      |      |   |
| Objective                      | Zoom Objective  | 0.8X-5X                      | ●    |      |   |
|                                |   | 0.8X-6.4X                    |      | ●    |   |
|                                |   | 0.8X-8X                      |      |      | ● |
|                                | Objective   | 1X                           | ●    | ●    | ● |
|                                |   | 1X Plan achromatic objective | ○    | ○    | ○ |
|                                |   | 0.3X                         | ○    | ○    | ○ |
|                                |   | 0.3X Achromatic objective    | ○    | ○    | ○ |
| Objective                      | 2X  | ○                            | ○    | ○    |   |
|                                | 2X Plan achromatic objective  | ○                            | ○    | ○    |   |
| Objective                      | 0.5X  | ○                            | ○    | ○    |   |
|                                | 0.5X Plan apochromatic objective  | ○                            | ○    | ○    |   |
| Zoom Ratio                     | 1:6   | ●                            |      |      |   |
|                                | 1:8   |                              | ●    |      |   |
|                                | 1:10  |                              |      | ●    |   |
| Working Distance               | 78mm  | ●                            | ●    | ●    |   |
| Focusing Range                 | 105mm   | ●                            | ●    | ●    |   |
| Stand                          | Stand   | ●                            | ●    |      |   |
|                                | Coaxial coarse & fine focusing stand  |                              |      | ●    |   |
| Illumination                   | Transmission and reflection LED illumination, brightness adjustable                 | ●                            | ●    | ●    |   |
|                                | 100W Ultra hi-voltage spherical mercury lamp, power supplier NFP-1, digital display | ●                            | ●    | ●    |   |
| Photography & video attachment |   | ○                            | ○    | ○    |   |

Note: ● Standard Outfit, ○ Optional



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