

Upright Metallographic Microscope (BD)  
JBM- 08R





The Upright Metallurgical Microscope is a precision tool for analyzing opaque materials. With advanced optics and ergonomic design, it provides detailed insights into the microstructure of metals, essential for metallurgical research and quality control in various industries.

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brand Name             | JB MICROSCOPE                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MODEL                  | JBM- 08R                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Eyeiece                | Hight eyepoint plan eyepiece PL10X/25mm, Diopter adjustable, with reticle.<br>Head: 30° inclination, upright image, Compensation Free Trinocular, interpupillary distance:50-76mm, splitting ratio R:T=100 : 0 or 0 : 100                                                                                                                                                                                                             |
| Objective              | B&D (LW D B&D) semi-apochromatic metallurgical objective5X, 10X, 20X(20X / 0.4,W D=8.50mm), 50X, 100X.                                                                                                                                                                                                                                                                                                                                |
| OPTIONAL Objective 2   | LWD B&D semi-apochromati metallurgicalc objective 50X, 100X                                                                                                                                                                                                                                                                                                                                                                           |
| OPTIONAL Objective 3   | Bright field semi-apochromati metallurgicalc objective 5X, 10X, 20X, 50X, 100X.                                                                                                                                                                                                                                                                                                                                                       |
| DIC                    | DIC Slider                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Nosepiece              | Bright & Dark field sextuple nosepiece ( with DIC slot ).                                                                                                                                                                                                                                                                                                                                                                             |
| Focus                  | Coaxial Coarse and fine focusing adjustment, Coarse adjustment distance: 33mm, precision of fine adjustment: 0.001mm, with loosen and tight limit ring.                                                                                                                                                                                                                                                                               |
| Stage                  | 8" three layers mechanical stage 525x330mm, moving range: 210X210mm, X-Ymoving<br>hand wheel, with clutch handle right hand shank, can move quickly, glass work plate.<br>6" three layers mechanical stage 455x240mm, moving range: 158X158mm, transmitted<br>Light moving range: 158x158mm, reflected light moving range:100x100mm, X-Ymoving<br>hand wheel, with clutch handle right hand shank, can move quickly, glass work plate |
| Condensor              | CB&D reflect illumination, with Iris field diaphragm and aperture diaphragm, central adjustable, with filter slot and polarizing slot, with switch device slth bright and dark field                                                                                                                                                                                                                                                  |
| Refelcted Illumination | 12V100W Halogen house, Pre-Centering, Digital Dimming Can Be With Bright Intensity Settings And Reset Function 12v100W Halogen lamp                                                                                                                                                                                                                                                                                                   |

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