



BIOLOGICAL MICROSCOPE BMIC-302

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POLARIZING BIOLOGICAL MICROSCOPE

Polarizing biological microscope is a kind of microscope which uses the polarization property of light to study and identify birefringent substances. By converting ordinary light into polarized light for observation, it is able to clearly distinguish between monorefractive(isotropic) and birefringent(anisotropic) substances. Polarizing microscopes are widely used in geology, minerals, metallurgy, chemical industry, semiconductor industry and many other fields .



SPECIFICATIONS

| Model | BMIC-302 |
|-----------------------|--|
| Viewing Head | Sliding Trinocular Head at 45°, 360° rotatable |
| Eyepiece | Eyepiece WF10X/18 with Scale of CrosshairEyepiece WF10X/18 |
| Objective | Strain free Achromatic Objective 4X, 10X, 40X |
| Nosepiece | Toward Quadruple Nosepiece, Center Adjustable |
| Analyzer | Rotatable Analyzer with Gradation 0°~90° |
| Bertrand Lens | Bertrand Lens, Sliding in/out of Optical Path |
| Optical Compensator | λ Slip(first class red) $1/4\lambda$ SlipQuartz wedge |
| Revolving Round Stage | Diameter Φ 160mm, Graduated in 1° Increments, Minimum Resolution 6 when using Vernier Scale |
| Condenser | Abbe Condenser with Iris Diaphragm & Filter |
| Focusing | Coaxial Coarse&Fine Adjustment, Range 28mm, Fine Division 0.002mm |
| Polarizer | Sliding in/out of Optical Path, Located on the Top of Collector |
| Illumination | 6V/20W Halogen Lamp, Brightness Adjustable |
| Power Supply | AC110~220V, 50/60Hz |
| Package Size | 327*273*425mm |
| Gross Weight | 7.5kg |
| Alt Name | Polarizing Biological Microscope |



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