



# BIOLOGICAL MICROSCOPE BEM2BM1 (BMIC-301)

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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	BEM2BM1
Old Model	BMIC-301
Viewing Head	Sliding Binocular 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	$\lambda$ Slip(first class red) $1/4\lambda$ SlipQuartz wedge
Revolving Round Stage	Diameter $\Phi$ 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



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)