



BIOLOGICAL MICROSCOPE BEM2BB1 (BMIC-501)

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INVERTED BIOLOGICAL MICROSCOPE

The inverted biological microscope is a microscope specifically designed for viewing living cells and other biological samples in culture. Its main feature is that the position of the objective lens and the lighting system is reversed, the objective lens is under the stage, and the transmitted light source is above the stage. This design makes the inverted biological microscope particularly suitable for applications in cell culture, tissue culture, plankton, environmental protection, and food inspection.



SPECIFICATIONS

Model	BEM2BB1
Old Model	BMIC-501
Optical System	Infinite Optical System
Viewing Head	Trinocular Head Inclined at 30°, Interpupillary Distance 48~75mm
Eyepiece	High-point, Extra Wide Field Eyepiece EW10X/22
Objective - LWD Infinite Plan Objective 4X/0.1, WD 17.3mm	yes
Objective - LWD Infinite Plan Objective 10X/0.25, WD 10mm	optional
Objective - LWD Infinite Plan Objective 20X/0.4, WD 5.1mm	optional
Objective - LWD Infinite Plan Objective 40X/0.6, WD 2.1mm	yes
Objective - Infinite Plan Phase Objective PH10X/0.25, WD 10mm	yes
Objective - Infinite Plan Phase Objective PH20X/0.4, WD 5.1mm	yes
Objective - Infinite Plan Phase Objective PH40X/0.65, WD 2.1mm	optional
Nosepiece	Quintuple Nosepiece
Condenser	ELWD Condenser NA 0.3, LWD 72mm (Without Condenser 150mm)
Centering	Centering Telescope(Φ30MM) •
Phase Annulus - 10X~20X, Phase Annulus Plate(Fixed)	yes
Phase Annulus - 10X~20X, 40X Phase Annulus Plate(Adjustable)	optional
Stage - Plain Stage	160X250mm
Stage - Glass Insert	yes
Stage - Attachable Mechanical Stage	X-Y Coaxial Control, Moving Rang 120X78mm •
Stage - Auxiliary Stages	70X180mm
Stage - Terasaki Holder	yes
Stage - Φ35mm Petri Dish Holder	optional
Stage - Φ54mm Slide Glass Holder	optional
Stage - Φ90mm Petri Dish Holder	optional

Focusing	Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation, Fine Stroke 0.2mm per Rotation, Moving Range up 8mm, down 3mm
Illumination - Halogen Lamp	6V/30W
Illumination - LED	optional
Filter	Blue, Green and Ground Glass, Diameter 45mm
Power Supply	AC110~220V, 50/60Hz
Accessories	Inverted fluorescent attachment FL-100, Photo Attachment, Video Adapter with C Mount •
Package Size	468*397*665mm
Gross Weight	15.5kg
Alt Name	Inverted Biological Microscope



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com