



BIOLOGICAL MICROSCOPE BMIC-502

BIOLOGICAL MICROSCOPE BMIC-502

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	BMIC-502
Optical System	Infinite optical system
Viewing Head	Seidentopf trinocular viewing head, inclined at 45°, 360° rotatable, Interpupillary 48~75mm
Eyepiece - Wide field eyepiece WF10X/22	yes
Eyepiece - Wide field eyepiece WF15X/16	optional
Eyepiece - Wide field eyepiece WF20X/12	optional
Objective - LWD infinite plan achromatic objective 4X/0.10 WD=22	yes
Objective - LWD infinite plan achromatic phase objective 10X/0.25 WD=6	yes
Objective - LWD infinite plan achromatic phase objective 20X/0.4 WD=3.1	yes
Objective - LWD infinite plan achromatic phase objective 40X/0.55 WD=2.2	yes
Objective - High-level phase contrast objective 10X/0.25 WD=6	optional
Objective - High-level phase contrast objective 20X/0.4 WD=3.1	optional
Objective - High-level phase contrast objective 40X/0.55 WD=2.2	optional
Objective - Lamp house adjustment objective	yes
Nosepiece	Backward quintuple nosepiece
Condenser	ELWD condenser NA0.3, LWD72mm(without condenser 150mm)
Centering Telescope	Centering telescope(Φ30mm)
Phase Annulus	10X, 20X, 40X phase annulus plate(adjustable)
Stage - Plain stage	230X170
Stage - Glasse insert	yes
Stage - Attachable mechanical stage	X, Y coaxial control, moving rang 80X120mm
Stage - Auxiliary stage	yes
Stage - Terasaki holder	yes
Stage - Petri dish holder Φ38	yes

Stage - Petri dish holder Φ 54	yes
Focusing System	Coaxial coarse and fine adjustment, fine division 0.002mm, moving range up 4.5mm down 4.5mm
Illumination	6V, 30W halogen lamp, brightness adjustable
Filter	Blue, green and ground glass, diameter 45mm
Power Supply	110~220V, 50/60Hz
Accessories - Photo attachment	optional
Accessories - C Mount 0.4X	optional
Package Size	630*350*620mm
Gross Weight	15kg
A Trinocular microscope can be installed on the camera and screen.	
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