



## BIOLOGICAL MICROSCOPE BMIC-504

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Digital Biological Microscope is an optical microscope that is primarily designed to observe cells, tissues as well as other biological specimens. Magnification range anywhere from 10x - 1,000x or more by attaching multiple objective lenses.

Used in University, Medical, Laboratory, Research, Pharmaceutical.

## BMIC-504 BIOLOGICAL MICROSCOPE



Excellent optical function with infinite optical system with trinocular viewing head, inclined at 30°. Innovative stand structure and sharp image display. Convenient operation and special design for viewing incubating cell tissue. Valid mould proof design. It can be used under the high temperature and high humidity environment.

## SPECIFICATIONS

Model	BMIC-504
Viewing Head	
Trinocular viewing head, inclined at 45°	No
Trinocular viewing head, inclined at 30°	Yes
Eyepiece	
WF10X/20 mm	No
EW10X/22 mm	Yes
Objective	
LWD Plan objective 4X,10X,20X, 40X	No
LWD Infinite plan objective 4X,10X,20X, 40X . Infinite plan phase objective 10X,20X, 40X	Yes
Stage	
Double layers mechanical stage, stage size:242x172 mm, central stage: Φ110 mm,moving range:75x50 mm	No
Plain stage:160x250 mm, glass insert, attachable mechanical stage, X-Y coaxial control, moving range: 120x78 mm. Auxiliary stage 70x180 mm, Terasaki holder, Petri dish holder Φ35 mm / Φ54 mm / Φ90 mm, slide glass holder Φ54 mm	Yes
Condensor	
NA 0.3 Abbe condenser W.D.75 mm	No
ELWD Condenser NA 0.3, LWD 72 mm (without condenser 150 mm)	Yes
Interpupillary Distance	
50-75 mm / 48-75 mm	Yes
Focusing	
Coaxial coarse& fine adjustment, fine division 0.002 mm	Yes
Phase Contrast Sliding Plate	
Center of phase contrast ring plate adjustable	No
10X, 20X, 40X phase annulus plate (fixed) 10X, 20X, 40X phase annulus plate (adjustable)	Yes
Center Telescope	

Center telescope	No
Center telescope( $\Phi$ 30 mm)	Yes
Illumination	
Halogen lamp 12 V/ 30 W, adjustable brightness	No
LED lamp 3 W / Halogen lamp 6 V/30 W	Yes
Filter	
Blue, green, yellow and frosted glass	No
Blue, green and frosted glass	Yes
Optional Accessories	
B,G wave band, 220 V(110 V)/100 W Fluorescent Mercury lamp;photograph connecting tube, adapter with MD or PK mount, 4X photograph eyepiece	No
Inverted fluorescent attachment, photo attachment, video adapter with C mount	Yes
Power Supply	
AC110/220 V $\pm$ 10%,50/60 Hz	Yes
Package Size	468x397x665 mm
Gross Weight	15kg



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