

# BIOLOGICAL MICROSCOPE MSC21-17



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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.

## MSC21-17 BIOLOGICAL MICROSCOPE

Excellent optical function with trinocular viewing head inclined at 45°. 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	MSC21-17
Viewing Head	
Trinocular viewing head, inclined at 45°	Yes
Trinocular viewing head, inclined at 30°	No
Eyepiece	
WF10X/20 mm	Yes
EW10X/22 mm	No
Objective	
LWD Plan objective 4X,10X,20X, 40X	Yes
LWD Infinite plan objective 4X,10X,20X, 40X ,Infinite plan phase objective 10X,20X, 40X	No
Stage	
Double layers mechanical stage, stage size:242x172 mm, central stage:Φ110 mm, moving range:75x50 mm	Yes
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	No
Condensor	
NA 0.3 Abbe condenser W.D.75 mm	Yes
ELWD Condenser NA 0.3, LWD 72 mm (without condenser 150 mm)	No
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	Yes
10X, 20X, 40X phase annulus plate (fixed) 10X, 20X, 40X phase annulus plate (adjustable)	No

Center Telescope	
Center telescope	Yes
Center telescope (Φ 30 mm)	No
Illumination	
Halogen lamp 12 V/ 30 W, adjustable brightness	Yes
LED lamp 3 W / Halogen lamp 6 V/30 W	No
Filter	
Blue, Green, Yellow and Frosted glass	Yes
Blue, green and frosted glass	No
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	Yes
Inverted fluorescent attachment, photo attachment, video adapter with C mount	No
Power Supply	
AC110/220 V ± 10%,50/60 Hz	Yes
Package Size	350x250x508 mm
Gross Weight	15kg

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