

BIOLOGICAL MICROSCOPE ► INV100



INV100

Inverted biological Microscope INV100 is the optimal choice for microBiology and Biology. Infinity corrected Plan-achromatic objectives deliver always excellent and contrasted images, the 10x/22 eyepieces allow exploring of a wide area of the specimen, while the high working distance of the condenser allows a comfortable and practical use. A stable stand structure, phase contrast objectives, Trinocular tube and a large stage make this microscope an excellent choice for viewing living cell and tissue.

Included: protection cover, 0.45X c-mount adapter, color filters, user manual

SPECIFICATIONS		INV 100 series	
Optical system	Infinity corrected optics system		
Illumination	Built-in transmitted Koehler illumination with field diaphragm 6V 30W Halogen bulb. Adjustable Intensity		
Eyepieces	Extra Wide field WF10x/22mm		
Objectives	INV100	Infinity Long Working Distance PLAN ACHROMATIC 4x/0.1 WD18mm; 10x/0.25 WD 10mm; 20x/0.4 WD 5.1mm; 40x/0.6 WD 2.6mm Infinity Long Working Distance PLAN ACHROMATIC PHASE CONTRAST 10x/0.25 WD 10mm; 20x/0.4 WD 5.1mm; 40x/0.6 WD 2.6mm	
	INV100-PH	Infinity Long Working Distance PLAN ACHROMATIC 4x/0.1 WD18mm Infinity Long Working Distance PLAN ACHROMATIC PHASE CONTRAST 10x/0.25 WD 10mm; 20x/0.4 WD 5.1mm; 40x/0.6 WD 2.6mm	
Focusing	Macrometric and micrometric coaxial knobs on both sides		
Revolving nosepiece	Quintuple nosepiece, rotating and locking at every objective.		
Observation tube	Type	Trinocular	
	Tube inclination	30° tilted, 360° rotatable	
	Interpupillary distance adjustment	48-75mm, dioptric difference adjustment ± 5mm	
	Light path selector	100% - 0% or 0% - 100%	
Stage	250x160mm. Excursion XY: 120x78mm. Glass insert, Adapter for Ø35mm, Adapter for Ø54mm, adapter for Terasaky. Coaxial knobs on right side.		
Condenser	Abbe condenser N.A.:0,3; W.D.:72mm. Equipped with diaphragm and filter seat. Phase contrast sliding plate. Phase annulus 10x/20x/40x		

ADDITIONAL ACCESSORIES

Code	Description	Code	Description
	Micrometric 10x eyepiece		Eurekam PRO digital cameras
MB120001	Micrometric slide 0.01mm	MB06004 5/6	Adapter for Reflex camera (Nikon/Canon)

ORDERING CODES

Code	Description	Code	Description
INV100	4 bright field objectives and 3 phase contrast objectives	INV100-PH	only the 4x bright field objective and 3 phase contrast objectives
INV100-VIDEO	with Video head, 4 bright field objectives and 3 phase contrast objectives,	INV100-PH-VIDEO	with Video head, only the 4x bright field objective and 3 phase contrast objectives