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▼ ICON

MICROSCOPE MASTERCLASS

- LED illumination
- Seidentopf head
- Quadruple revolving inward nosepiece
- Parfocal and centered achromatic optics
- Co-axial low drive double layer mechanical stage



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SPECIFICATIONS

Magnus Inclined Biological Microscope

Item	Specifications	ICON Binocular	ICON Trinocular
Optical System	Achromatic Optics	✓	✓
Body	Aluminium Die- cast body based on ball bearing and wire guides thereby ensuring smooth and precise manipulation. Window in the arm for better grip	✓	✓
Inclined Observation Head	Seidentopf binocular head 30 degree inclined, 360 degrees rotatable	✓	
	Seidentopf trinocular head 30 degree inclined, 360 degrees rotatable		✓
Eyepiece (widefield) For Observation	HWF 10x (FN 18mm) paired eyepiece. Interpupillary distance 48mm - 75mm color-compensated wide-field images of utmost clarity	✓	✓
Nosepiece	Quadruple revolving inward nosepiece based on precision ball-bearing mechanism with positive click stop	✓	✓
Objectives	<u>Achromat Objectives</u> 4x 10x 40x (spring loaded) 100x (oil, spring loaded) Uniformly centered, interchangeable & parfocal Anti-fungus treated Tropicalized anti fungus treatment ensures image excellence for long periods in conditions favouring to fungus growth	✓	✓
Mechanical Stage	Co-axial low drive double layer mechanical stage (125mm x 120mm) (+/-5mm) with traverse area of 30mm x 70mm (+/-5mm) with single slide holder. Stage focus lock to prevent the breakage of slides	✓	✓
Condenser Holder	Rack and pinion mounted condenser holder	✓	✓
Condenser	Pre-centered abbe condenser with aperture iris diaphragm (N.A. 1.25)	✓	✓
Focusing System	Co-axial coarse and fine controls with a focus adjustment and fine adjustment knobs. Coarse focus range 15mm. Fine focus rotation 2mm	✓	✓
Illumination	1W LED light source high brightness, longlife (30,000 hrs)	✓	✓

