

MLX-B Plus

MICROSCOPE MASTERCLASS



- Parfocal and Centered Optics
- Optics with Multi-layer Coating & Anti-Fungus treated
- Choice of Halogen and LED Illumination
- Easy Access for Lamp Replacement

Magnus

MLX-B Plus Binocular Microscope

MICROSCOPES FOR EDUCATION & LABORATORIES

Specifications :

MAGNUS Inclined Biological Microscope Model MLX-B Plus

ITEM	SPECIFICATIONS	MLX-B Plus Binocular Version	MLX-Tr Plus Trinocular Version
Optical System	Semi-Plan achromatic optics with anti-fungal treatment. Uniformly centered, Interchangeable & Parfocal, Anti-Fungal treated.	●	●
Body	Aluminium die cast body with all critical movements based on ball bearing and wire guides, thereby ensuring smooth and precise manipulation.	●	●
Inclined Observation Head	Binocular 45 degree inclined, rotatable through 360 degrees	●	
	Trinocular 45 degree inclined, rotatable through 360 degrees		●
Eyepieces (widefield) for observation	WF 10x (FN 18mm) paired eyepiece. The unique optical design of the compensating eyepiece provides relief from eye fatigue and renders color-compensated wide-field images of utmost clarity.	●	●
Nosepiece	Quadruple revolving nosepiece based on precision ball-bearing mechanism with positive stop click.	●	●
Objectives	Semi-Plan achromatic objectives, antifungal		
	N.A. W.D.		
	4X 0.10 29.0mm	●	●
	10X 0.25 6.3mm		
	40X 0.65 0.6mm		
100X (oil/spring)	1.25 0.15mm		
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) (± 5 mm) with traverse area of 50mm x 76mm (± 5 mm)	●	●
Condenser	Abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion through 20mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation. Rack & pinion mounted condenser holder.	●	●
Focusing	Co-axial coarse & fine controls with a focus adjustment and fine adjustment knobs. Coarse Focus range 25mm.	●	●
Illumination base with option	a) Built-in-illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Universal Power supply 100V~240V AC 50Hz (SMPS). Supplied with one spare bulb & spare fuse. Easily replaceable lamp from front.	MLX-B Plus	MLX-Tr Plus
	b) LED light source High brightness, long life (30000 hrs).	MLX-B Plus LED	MLX-Tr Plus LED
	c) LED light source (with battery backup) High brightness, long life (30000 hrs). Battery backup in-built NiMH Rechargeable batteries provide 6-8 hours back-up on full charge	MLX-B Plus Freedom	MLX-Tr Plus Freedom
Packed in a styrofoam box, with operation manual, dust cover, power cord & immersion oil (10ml)			

Optional Accessories • Simple Polarizing attachment • Eyepiece Widefield WF 15x • Image Analysis software



Micro Image Projection System
MIPS fitted on MLX-Tr Plus (Trinocular version)
MIPS can also be used with
MLX-B Plus (Binocular version)



Digital Camera System
fitted on MLX-Tr Plus
(Trinocular version)



Phase Contrast Attachment PC-4



Darkfield attachment
• Imm. DF Condenser with OBJ
100x having Iris Diaphragm
• Dry. DF condenser

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All standard sets are supplied as per specifications which are subject to change without any obligation on the part of the manufacturer. Optics are anti-fungus treated & with multi-layer coatings. Accessories shown may not be part of standard equipment. MLX-B Plus is sold as Theia-Fi in markets outside India.

