

MLX-M Plus

MICROSCOPE MASTERCLASS



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

**Magnüs**

MLX-M Plus Monocular Microscope

MICROSCOPES FOR EDUCATION & LABORATORIES

# Specifications :

## MAGNUS Inclined Biological Monocular Microscope Model MLX-M Plus

ITEM	SPECIFICATIONS	MLX-M Plus Monocular (SP)
Optical System	Semi-Plan (SP) Optics	●
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	Monocular 45 degree inclined, rotatable through 360 degrees	●
Eyepieces (widefield) for observation	HWF 10x (FN 18mm) 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 Uniformly centered, Interchangeable & Parfocal, Anti-Fungus treated	Semi-Plan Achromat objectives:  SP4X N.A 0.10, SP10X N.A 0.25, 40X (spring) N.A 0.65 SP100X N.A 1.25 (oil/spring)	●
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) ( $\pm 5$ mm) with traverse area of 50mm x 76mm ( $\pm 5$ mm)	●
Condenser	Abbe condenser with aperture iris diaphragm (N.A.1.25) focusable with rack & pinion 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 20mm.	●
Illumination base with option	a) Built-in-illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Transformer based Power supply 100V~240V AC 50/60Hz single phase. Supplied with one bulb & one spare fuse. Easily replaceable lamp from front.	MLX-M Plus (SP)
	b) LED light source High brightness, long life (30000 hrs).	MLX-M Plus LED (SP)
	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-M Plus Freedom (SP)
Packed in a styrofoam box, with operation manual, dust cover, power cord & immersion oil (5ml). The reflector mirror, spare bulb & wooden cabinet are optionally available.		



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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.

