

Magnus

MLX-M

Anti-Fungus treated Optics

Unique chemical treatment ensures image excellence for long periods in conditions favoring to fungus growth

Parfocal & Centered Objectives

Minimises use of the fine focussing and stage-control knobs during objective change-over

Optics with multi-layer coating

High-grade optics provides optimum brightness & contrast for long hours of comfortable viewing

Micron Sensitive mechanical movements

Enables easy manipulation of specimen

Illumination

Efficient light collector-lens system for optimum brightness

Options Available

- With halogen or LED light source
- Freedom series with LED light & battery backup



Excellent optical clarity and compact size – which keeps all the key controls within easy reach – makes the Magnus MLX-M an ideal choice of microscope for education

MICROSCOPES FOR EDUCATION & LABORATORIES

Specifications :

ITEM	SPECIFICATIONS		MLX-M Monocular Version															
Body	Aluminum die-cast body with all critical movements based on ball-bearing & wire-guides thereby ensuring smooth & precise manipulation		●															
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) with traverse area of 50mm x 76mm		●															
Focussing System	Co-axial coarse & fine focusing control with a focus adjustment and find adjustment knobs.		●															
Condenser Holder	Rack & pinion mounted condenser holder.		●															
Illumination base with option (a), (b), (c)	(a) Built-illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Power supply 230V AC 50Hz single phase.		MLX-M															
	(b) LED Light source High brightness, longlife (30,000hrs) 1w LED.		MLX-M LED															
	(c) LED light source (with battery back-up) High brightness, longlife (30,000hrs) 1w LED. Battery back-up in-built NiMH Rechargeable batteries provide 6 to 8 hrs back-up on full charge.		MLX-M Freedom series															
Nose Piece	Quadruple nosepiece based on precision ball-bearing mechanism, enables smooth objective change.		●															
CONDENSER	Sub-stage Condenser With its compound lens system ensures that the traverse of light along the microscope's optical path is optimised. The built-in iris diaphragm enables maximum contrast of the specimen under observation.	Abbe condenser with aperture iris diaphragm, N.A. 1.25, provided with a filter holder and blue filter.	●															
OBJECTIVES	Achromatic Objectives <ul style="list-style-type: none"> • Anti fungus treated • Made from high quality Japanses optical glass • Precision engineered for parfocal & centred viewing 	<table border="1"> <thead> <tr> <th>Achromat objectives</th> <th>N.A.</th> <th>W.D.</th> </tr> </thead> <tbody> <tr> <td>4X</td> <td>0.10</td> <td>29.0mm</td> </tr> <tr> <td>10X</td> <td>0.25</td> <td>6.3mm</td> </tr> <tr> <td>40X (spring loaded)</td> <td>0.65</td> <td>0.53mm</td> </tr> <tr> <td>100X (oil, spring loaded)</td> <td>1.25</td> <td>0.20mm</td> </tr> </tbody> </table>	Achromat objectives	N.A.	W.D.	4X	0.10	29.0mm	10X	0.25	6.3mm	40X (spring loaded)	0.65	0.53mm	100X (oil, spring loaded)	1.25	0.20mm	●
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MONOCULAR INCLINED OBSERVATION HEAD	<ul style="list-style-type: none"> • 45 degree inclined • Rotatable through 360 degree a) With a special anti-fungus treatment b) With anti-reflection optical coatings of prisms to enhance the brightness of the image	A unique design of observation head provides uniform illumination for ease of observation & eye comfort during extended usage.	●															
WIDEFIELD EYEPIECE	WF 10x (F.No.18) compatible with an optionally available eyepiece micrometer	Unique compensating eyepiece provides relief from eye fatigue & renders color-compensated images of utmost clarity. Color corrected in all magnifications including high power objective, resulting in better defined images.	●															

Optional Accessories Eyepiece WF 15x, Phase contrast, dark field and polarization accessories & imaging solutions with micro image projection system, Image analysis Software etc.

Magnüs

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CE

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. • CE Certification is only for MLX-M