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Magnus



▼ Theia-fi MICROSCOPE MASTERCLASS

- Parfocal optics
- Centered strain free optics
- Choice of LED illumination & battery backup
- Optics with multi-layer coating
- Antifungus treated optics
- Economical & user friendly model

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Magnus Inclined Biological Microscope Model Theia-fi

ITEM	SPECIFICATIONS	Theia-fi Binocular
Optical System	Finite optical system	●
Body	Aluminium die cast body with critical movement based on ball bearing and wire guides thereby ensuring smooth and precise manipulation.	●
Inclined Observation Tube	Binocular tube 45 degree inclined, rotatable through 360 degree	●
Nosepieces	Quadruple revolving nosepieces based on precision ball-bearing mechanism with positive stop click.	●
Eyepieces (widefield) for observations	HWF 10x (FN 18mm) paired eyepieces. The unique optical design of the compensating eyepiece provides relief from eye fatigue and renders colour-compensated wide-images of utmost clarity.	●
Objectives Uniformly centered, Interchangeable and Parfocal Anti-Fungus Treated	Semi-Plan Achromat SPA4X N.A 0.10, SPA10X N.A 0.25, SPA40X N.A (spring), SPA100X N.A 1.25 (oil ,spring)	●
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) ($\pm 5\text{mm}$) with traverse area of 50mm x 76mm ($\pm 5\text{mm}$)	●
Condenser	Abbe condenser with aperture iris diaphragm (N.A.1.25) focusable with rack & pinion and a continuously variable diaphragm. Rack and pinion mounted condenser holder.	●
Focusing System	Co-axial coarse & fine controls with a focus adjustment and adjustment knobs. Coarse Focus range 20mm.	●
Illumination base with options	a) 3 W LED light source High brightness, long life (30,000 hours) b) 1 W LED light source High brightness, long life (30,000 hours). Battery backup-in-built NiMH Rechargeable batteries.	Theia-fi LED Theia-fi Freedom
Packed in corrugated box, with operational manual, dust cover, power cord & immersion oil (5ml)		

Theia-fi is sold as MLX-Plus in India

