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▼ Theia-i

MICROSCOPE MASTERCLASS

- Plan infinity optics
- Parfocal and centered optics
- Optics with multi-layer coating
- Choice of halogen, led illumination & battery backup
- Easy access for lamp replacement from front
- Now also available with single layer rackless stage
- Additional accessories : Dual attachment, Pentahead attachment, Darkfield attachment, Phase contrast attachment

Optional Accessories



LED Based Reflected
Fluorescence Attachment



Trinocular Head With
USB Digital Camera



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SPECIFICATIONS

Magnus Inclined Biological Microscope Model Theia-i

Item	Specifications	Theia-i Binocular Version	Theia-i-Tr Trinocular Version
Body	Aluminium die- cast body with all critical movements based on ball bearing and wire guides thereby ensuring smooth and precise manipulation	✓	✓
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) (+/-5mm) with traverse area of 50mm x 76mm (+/-5mm) with dual slide holder	✓	✓
Focusing System	Co-axial coarse and fine controls with a focus adjustment and fine adjustment knobs. Coarse focus range 20mm. Fine focus rotation 0.2mm	✓	✓
Condenser Holder	Rack and pinion mounted condenser holder	✓	✓
Condenser	Pre-Centered condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & opinion and a continously variable iris diaphragm with a removable blue filter for day light observation	✓	✓
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-230V AC 50Hz single phase	Theia-i	Theia-i-Tr
	(b) 3W LED light soure high brightness, longlife (30,000hrs)	Theia-i LED	Theia-i-Tr LED
	(c) 1W LED light soure (with battery back-up) high brightness, longlife (30,000hrs). Battery back-up in-built NiMH rechargeable batteries provides 6 to 8 hrs back-up on full charge	Theia-i Freedom	Theia-i-Tr Freedom
Nose Piece	Quadruple revolving inward nosepiee based on precision ball-bearing mechanism with positive click stop. Quintupule nosepiece also available	✓	✓
Objectives	<div><div>Plan Achromat Objectives</div><div>N.A.</div><div>4x0.10</div><div>10x0.25</div><div>40x (spring loaded)0.65</div><div>100x (oil, spring loaded)1.25</div><div>Infinity corrected plan optics</div><div>Uniformly centered, interchangeable & parfocal</div><div>Anti-fungus treated</div><div>Tropicalized anti fungus treatment ensures image excellence for long periods in conditions favouring to fungus growth.</div></div>	✓	✓
Inclined Observation Head	Binocular head (30 degree inclined seidentopf), 360 degree rotatable, diopter adjustment	✓	
	Trinocular head (30 degree inclined seidentopf), 360 degree rotatable, diopter adjustment		✓
Eyepiece (wide field) for Observation	WH 10x (FN 20mm) paired eyepiece. The unique optical design provides relief from eye fatigue and renders wide-field images of utmost clarity. Compatible with optionally available eyepiece micrometer	✓	✓

