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MAGNUS

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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 continuously 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 source high brightness, longlife (30,000hrs)	Theia-i LED	Theia-i-Tr LED										
	(c) 1W LED light source (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 nosepiece based on precision ball-bearing mechanism with positive click stop. Quintuple nosepiece also available	✓	✓										
Objectives	<table border="0"> <tr> <td><u>Plan Achromat Objectives</u></td> <td><u>N.A.</u></td> </tr> <tr> <td>4x</td> <td>0.10</td> </tr> <tr> <td>10x</td> <td>0.25</td> </tr> <tr> <td>40x (spring loaded)</td> <td>0.65</td> </tr> <tr> <td>100x (oil, spring loaded)</td> <td>1.25</td> </tr> </table> Infinity corrected plan optics Uniformly centered, interchangeable & parfocal Anti-fungus treated Tropicalized anti fungus treatment ensures image excellence for long periods in conditions favouring to fungus growth.	<u>Plan Achromat Objectives</u>	<u>N.A.</u>	4x	0.10	10x	0.25	40x (spring loaded)	0.65	100x (oil, spring loaded)	1.25	✓	✓
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4x	0.10												
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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	✓	✓										