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Magnus



Eyepoint height adjustment



Built-in security slot



Rackless stage



Locking pin for easy binocular rotation

▶ 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 rackless mechanical stage (125 mm x 145 mm) (+/-5 mm) with traverse area of 76 mm x 30 mm (+/-5 mm). Single specimen 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	Centerable abbe 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) 3W LED light source (with battery back-up) high brightness, longlife (30,000hrs). Battery back-up in-built NiMH rechargeable batteries	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="1"> <thead> <tr> <th>Plan Achromat Objectives</th> <th>N.A.</th> </tr> </thead> <tbody> <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> </tbody> </table>	Plan Achromat Objectives	N.A.	4x	0.10	10x	0.25	40x (spring loaded)	0.65	100x (oil, spring loaded)	1.25	✓	✓
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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.													
Inclined Observation Head	Binocular head (30 degree inclined seidentopf), 360 degree rotatable, diopter & eyepoint adjustment with two working heights at minimum 370 & 430mm. Interpupillary distance 48-75mm	✓											
	Trinocular head (30 degree inclined seidentopf), 360 degree rotatable, diopter & eyepoint adjustment with two working heights at minimum 370 & 430mm. Interpupillary distance 48-75mm		✓										
	Facility of locking mechanism to prevent observation tube from falling off	✓	✓										
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	✓	✓										
<ul style="list-style-type: none"> • Packed in a corrugated box, with operational manual, dust cover, power cord, immersion oil (5ml) & anti-theft security lock • The reflector mirror, spare bulb & wooden cabinet are optionally available 													

