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# Magnus



## ▼ 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 abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion 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	Plan Achromat Objectives	✓	✓
	4x 0.10 10x 0.25 40x (spring loaded) 0.65 100x (oil, spring loaded) 1.25 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 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	✓	✓

