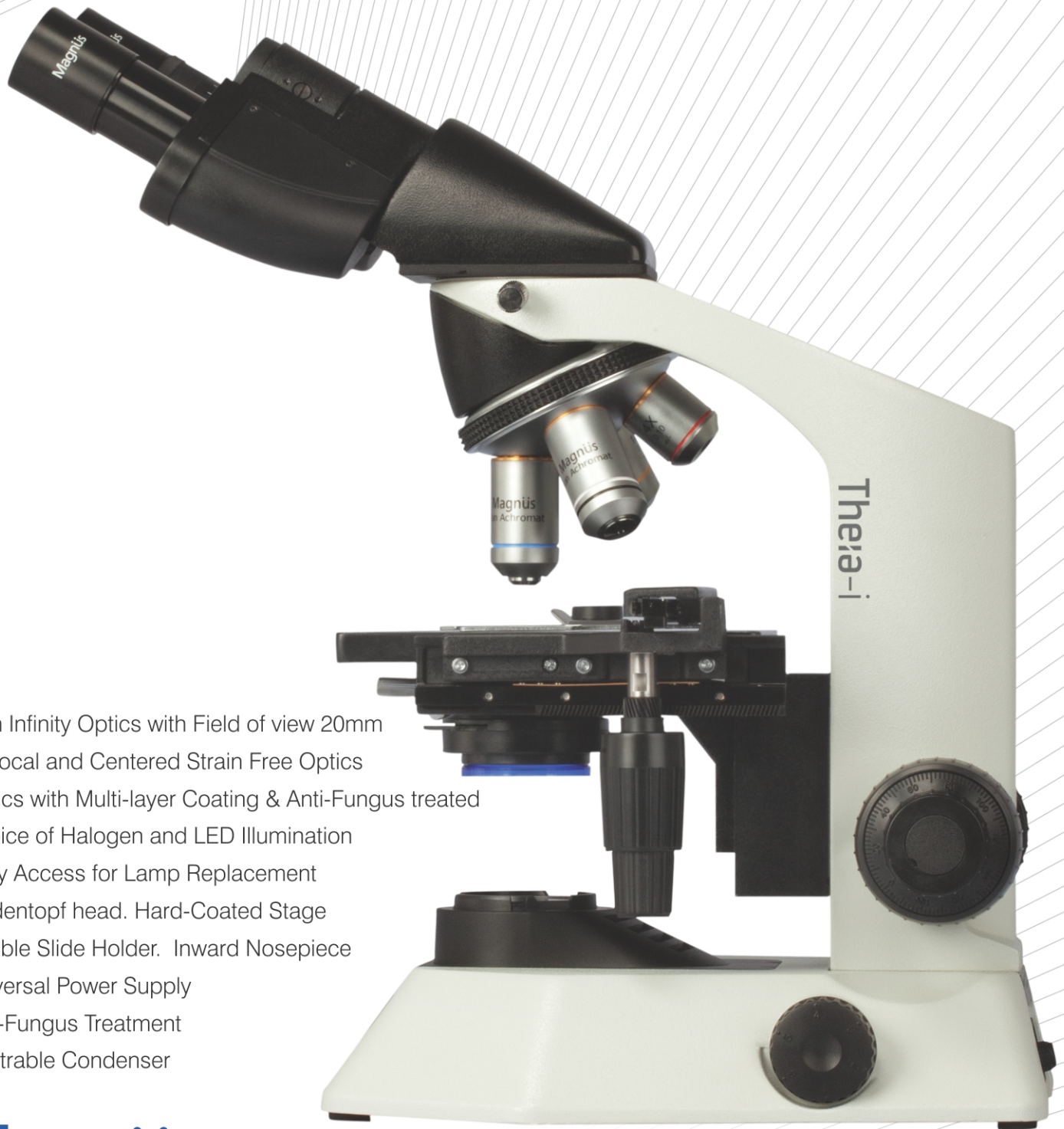


Theia-i

MICROSCOPE MASTERCLASS



- Plan Infinity Optics with Field of view 20mm
- Parfocal and Centered Strain Free Optics
- Optics with Multi-layer Coating & Anti-Fungus treated
- Choice of Halogen and LED Illumination
- Easy Access for Lamp Replacement
- Siedentopf head. Hard-Coated Stage
- Double Slide Holder. Inward Nosepiece
- Universal Power Supply
- Anti-Fungus Treatment
- Centrabale Condenser

Magnüs

Theia-i Binocular Microscope

MICROSCOPES FOR RESEARCH APPLICATIONS

Specifications :

MAGNUS Inclined Biological Microscope Model Theia-i

ITEM	SPECIFICATIONS	Theia-i Binocular Version	Theia-i-Tr Trinocular Version														
Optical System	Plan infinity strain free optics with Anti-fungus treatment, uniformly centered, interchangeable & Parfocal	●	●														
Body	Aluminium die-cast body with all critical movements based on ball bearing & wire guides thereby ensuring smooth & precise manipulation	●	●														
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) (+/-5mm) with traverse area of 50mm x 76mm (+/-5mm) with double side holder	●	●														
Focusing System	Co-axial coarse & fine controls with a focus adjustment and fine adjustment knobs. Coarse Focus range 20mm. Fine focus 0.2mm rotation	●	●														
Condenser	Centerable abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion through 20mm and a continuously variable iris diaphragm with a removable blue filter for daylight observation	●	●														
Illumination base with option (a), (b), (c)	(a) Built-illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Front open Light case for easy bulb change. Universal power supply 100V-240V through SMPS circuit for constant voltage to prolong bulb life & prevent frequent bulb change.	Theia-i	Theia-i-Tr														
	(b) LED Light source High brightness, longlife (30,000hrs).	Theia-i LED	Theia-i-Tr LED														
	(c) LED light source (with battery back-up) High brightness, longlife (30,000hrs). Battery back-up in-built NiMH Rechargeable batteries provide 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 option is also available.	●	●														
Objectives	Plan Achromat Objectives																
	<table><thead><tr><th></th><th>N.A.</th><th>W.D.</th></tr></thead><tbody><tr><td>4X</td><td>0.10</td><td>18.5 mm</td></tr><tr><td>10X</td><td>0.25</td><td>10.6 mm</td></tr><tr><td>40X (spring loaded)</td><td>0.65</td><td>0.6 mm</td></tr><tr><td>100X (oil, spring loaded)</td><td>1.25</td><td>0.13 mm</td></tr></tbody></table>		N.A.	W.D.	4X	0.10	18.5 mm	10X	0.25	10.6 mm	40X (spring loaded)	0.65	0.6 mm	100X (oil, spring loaded)	1.25	0.13 mm	●
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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 favoring to fungus growth																
Inclined Observation Head With a special anti-fungus treatment and an anti-reflection optical coating of the prism (to enhance the image brightness)	Binocular (30 degree inclined seidentopf), 360 degree rotatable, diopter adjustment	●															
	Trinocular head 30 degree inclined seidentopf		●														
Eyepiece (wide field) for observation	WF 10x (FN 20mm) paired eyepiece. The unique optical design of the compensating eyepiece provides relief from eye fatigue and renders color-compensated wide-field images of utmost clarity. Compatible with optionally available eyepiece micrometer	●	●														

Packed in a Styrofoam box with Instruction manual, Dust Cover, Power Cord & Immersion

Optional Accessories



The LED Based Reflected Fluorescence Attachment uses a unique proprietary illumination system, allowing significant increase in performance and cost reduction. The EpiLED comes with a choice of blue, royal blue and green LED cassettes.



The Trinocular Head comes with a wide range of Camera Adapters that allow users to mount various kinds of digital cameras onto the trinocular head of the microscope for quick and easy digital documentation.



The plug and play, USB Powered MIPS (Microscope Image Projection System) attachment connects seamlessly to computers and projectors, making it the perfect tool for teaching and training applications.

• Phase contrast attachment • Polarization attachment • Quintuple nosepiece • Optional Eyepiece: 15X • Köhler attachment • Optional objectives: 20X, 60X • Image analysis Software • Heating Stage • Motorised Stage

Magnus

MAGNUS ANALYTICS

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All standard sets are supplied as per specifications which are subject to change without any obligation on the part of the manufacturer. Optics are anti-fungus treated & with multi-layer coatings. Accessories shown may not be part of standard equipment.

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