





Eyepoint height adjustment



Built-in security slot



Rackless stage



Locking pin for easy binocular rotation



# Theia-i

### MICROSCOPE MASTERCLASS

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

#### Optional Accessories

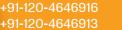


**LED Based Reflected** Fluorescence Attachment



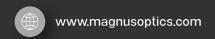
Trinocular Head With USB Digital Camera











# Magnus

## 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 manipuation	$\bigcirc$	$\bigcirc$
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	$\bigcirc$	$\bigcirc$
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	$\bigcirc$	$\bigcirc$
Condenser Holder	Rack and pinion mounted condenser holder	$\bigcirc$	$\bigcirc$
Condenser	Centerable abbe 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	$\bigcirc$	$\bigcirc$
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 LE
	(c) 3W LED light soure (with battery back-up) high brightness, longlife (30,000hrs). Battery back-up in-built NiMH rechargeable batteries	Theia-i Freedom	Theia-i-Tr Freed
Nose Piece	Quadruple revolving inward nosepiee based on precision ball-bearing mechanism with positive click stop. Quintupule nosepiece also available	$\bigcirc$	$\bigcirc$
Objectives	Plan Achromat Objectives  Ax  0.10  10x  0.25  40x (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.	$\bigcirc$	$\bigcirc$
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	$\bigcirc$	
	Trinocular head (30 degree inclined seidentopf), 360 degree rotatable, diopter & eyepoint adjustment with two working heights at minimum 370 & 430mm. Interpupillary distance 48-75mm		$\bigcirc$
	Facility of locking mechanism to prevent observation tube from falling off	$\bigcirc$	$\bigcirc$
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	$\bigcirc$	$\bigcirc$





