







MICROSCOPE MASTERCLASS

- O Parfocal and centered SP achromatic optics
- O Choice of halogen, led illumination & battery backup
- Now available in plan optics also
- Optics with multi-layer coating
- Easy access for lamp replacement from front

Optional Accessories

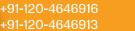






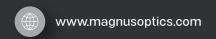












Magnus

SPECIFICATIONS

Magnus Inclined Biological Microscope Model Theia-fi

Item	Specifications	Theia-fi Binocular (SP)	Theia-fi Trinocular (SP)
Optical System	Semi-Plan (SP) Optics	\bigcirc	\bigcirc
Body	Aluminium Die- cast body based on ball bearing and wire guides thereby ensuring smooth and precise manipuation	\odot	\odot
Inclined Observation Head	Binocular 45 degree inclined, 360 degrees rotatable	\bigcirc	
	Trinocular Head 45 degree inclined, 360 degrees rotatable		\bigcirc
Eyepiece (widefield) For Observation	HWF 10x (FN 18mm) 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	\odot	\bigcirc
Nosepiece	Quadruple revolving nosepiece based on precision ball-bearing mechanism with positive click stop	\bigcirc	\bigcirc
Objectives	Achromat Objectives 4x 0.10 10x 0.25 40x (spring loaded) 0.65 100x (oil, spring loaded) 1.25 Uniformly centered, interchangeable & parfocal Anti-fungus treated Tropicalized anti fungus treatment ensures image excellence for long periods in conditions favouring to fungus growth	\otimes	\bigcirc
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) (+/-5mm) with traverse area of 30mm x 76mm (+/-5mm) with single slide holder	\bigcirc	\bigcirc
Condenser Holder	Rack and pinion mounted condenser holder	\bigcirc	\bigcirc
Condenser	Pre-centered abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion through 10mm and a continously variable iris diaphragm with a removable blue filter for daylight observation	\odot	\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	\otimes	\odot
Illumination Base With Option	(a) Built in illumination base with pre-centered 6V 2OW halogen light source coupled with an efficient collector lens system. Universal power supply 100V-230V AC 50Hz single phase (SMPS)	\odot	\bigcirc
	(b) Built in illumination base with pre-centered 6V 20W halogen light source coupled with an efficient collector lens system. Power supply 230V AC 50Hz	\bigcirc	\bigcirc
	(c) 3W LED light soure high brightness, longlife (30,000 hrs)	Theia-fi LED (SP)	Theia-fi LED (SP)
	(d) 3W LED light soure High brightness, longlife (30,000 hrs). Battery back-up in built NiMH Rechargeable batteries	Theia-fi Freedom (SP)	Theia-fi Freedom (SP)

 $\bullet\,$ The reflector mirror, spare bulb & wooden cabinet are optionally available





