



MAGNUS

MAGNUS offers a wide range of microscopy solutions for Laboratory of science and medicine students.



Magnus **Education Microscopes**



MagMaster



MagStereo

MagMaster

HM/SM 100

All metal rugged Stand with individual Coarse & Fine Focus drive with focus stop, Maintenance Free ECO LED illumination including Battery backup with regulating intensity control for 220V/50Hz, Achromatic Condenser 0.65/0.90NA with aperture iris diaphragm, stage plate with clips or two plate mechanical stage, Quadruple revolving nosepiece, Achromatic objectives 4x, 10x, 40x(Spring) and 100x(Spring) for SM 100, 360° rotatable 45° inclined Monocular head with Widefield Eyepiece 10x/18 lockable, anti-mould optics for fungus protection.



Specification

Model	Function / Feature	Specification	MagMaster	
			HMI00	SM100
Stand	Metal Base and Arm	built-in halogen/LED illumination	X	X
Focus drive	Seperate coarse and fine focus knobs	Knurled hand grip.	X	X
	Co-axial coarse and fine focus knobs	Graduated with Vernier reading		
	Focus stop	Adjustable	X	X
	focus drive tension adjustment	Adjustable		
Nose piece	Quadruple (4x)	precision click stops and rubber grip	X	X
Specimen Stage	stage Plate	110mmX120mm	X	
	Double plate Mechanical Stage with co-axial X-Y drive knobs	115 X 125mm 132 X 148mm		X
Specimen holder	Stage Clips	2x spring loaded clips	X	
	Single slide holder	30mm x 75mm scan area		X
	Double Slide holder	50mm x 75 mm scan area		
Condenser	NA 0.65 / 0.90	With disc diaphragm	X	
	Achromatic, Abbe NA1.25	with iris diaphragm		
	rack and pinion drive for condenser	focusable drive		
Built-in Illumination	LED	Built-in Battery backup & Charger	X	X
	Halogen 20W	Easy change lamp holder		
Power Supply	CE compliant, 90- 220 V, 50Hz with 3 pin plug	External power supply module for easy exchange/replacement	X	X
Tubes (360°C, Rotatable)	45 Deg. Monocular head	Safe locking screw	X	X
Achromat/Spachromat Objectives	4X/0.10		X	X
	10X/0.25		X	X
	40X/0.65	Spring	X	X
	100X/1.25(oil)	Spring	*	X
Eye-piece	WF 10X18mm		X	X
Dust Cover			X	X
Optional Accessories	Filters	Blue		
	Eye piece with pointer	10x18mm	*	*
	Eye piece with reticule	10x18mm	*	*
	Wooden Case		*	*
	45Deg. Binocular head	Safe locking screw, IPD adjustment	-	-
	30 Deg. Binocular head	Safe locking screw, IPD adjustment	-	-
	20X/0.45		*	*
	60X/0.85	Spring	*	*
	WF 15X13mm		*	*
	WF 20X 10mm		*	*

X :Standard supply

* :Optional

Blank :On request

- :Not available

MagStereo

FM 24

Dual Step Stereo Microscope with pillar stand for adjustable focusable working distance including transmitted & reflected light illumination, 95 mm glass plate, Black & White stage plate with clips, 360° rotatable Rack & pinion focus drive, dual step turret objective of 2x (81 mm) / 4x (58 mm) for magnification of 20x or 40x with paired widefield eyepiece 10x/ 20 mm. Microscope body with built in 45° binocular tube with IPD of 55-75 mm, +/- 5 mm adjustable diopter.



Specification

Technical Feature	MagStereo
	FM 24
Optical design	Greenough
Stereo Optical system	Par focal
Magnification Changer	fixed 2x & 4x
Eyepieces	10X/20mm
	15X/13mm
	20X/10mm
Dioptre correction	± 5
Binocular tube	Integrated
interpapillary Distance	55mm-75mm
Binocular observation	45deg
Working Distance	81/58mm
Magnification Range	20X & 40X
Stand	Pillar Stand
Focus Drive	Individual adjustable movement 60mm travel
Grip	Integrated
Illumination System	Long lasting LED
Incident and Transmitted light	Yes, as a standard

Marketed by:

Magnus Opto Systems India Pvt. Ltd.

A-5, Mohan Co-operative Indl. Estate, Mathura Road

New Delhi-110044 India, Tel.: +919717710061