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MX21i

CLINICAL MICROSCOPE

Optional Accessories

- Choice of halogen, LED illumination & battery backup
- High eyepoint design eyepiece (F.N. 20)
- SMPS circuit for constant voltage output
- Rackless stage for durability and ease of use
- Anti-fungus treatment for component durability
- Ergonomic and compact design for user convenience



Dual EpiLED
Attachment



Trinocular Head With
USB Digital Camera



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SPECIFICATIONS

Magnus Clinical Microscope Model **MX21i**

Item	Specifications	MX21i Binocular Version	MX21i 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 stagewith wire movement (120mm x 132mm) (+/-5mm) with traverse area of 30mm x 76mm (+/-5mm) with single 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 0.25mm	✓	✓
Condenser Holder	Rack and pinion mounted condenser holder	✓	✓
Condenser	Abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion and a continously variable iris diaphragm	✓	✓
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	✓	✓
	(b) 3W LED light soure high brightness, longlife (30,000hrs)	✓	✓
	(c) 1W LED light source (with battery back-up) High brightness, long life (30,000hrs). Battery back-up in-built NiMH Rechargeable batteries provide 6 to 8 hrs back-up on a full charge.	✓	✓
Nose Piece	Quadruple revolving nosepiee based on precision ball-bearing mechanism with positive click stop	✓	✓
Objectives	<u>Plan Achromat Objectives</u>		
		<u>N.A.</u>	<u>W.D</u>
	4x	0.10	18.5mm
	10x	0.25	10.6mm
	40x (spring loaded)	0.65	0.6mm
100x (oil, spring loaded)	1.25	0.13mm	
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	✓	✓

ACCESSORIES

✓ Camera attachment	✓ LED fluorescence attachment
✓ Simple polarizing attachment	✓ Darkfield attachment (dry or oil)
✓ Phase contrast attachment	✓ 15x eyepiece (F.N. 14, anti-fungus)
✓ Koehler attachment	✓ Monocular, Binocular and Trinocular versions

