



MAGNUS

Clinical Microscope

MLX_i PLUS

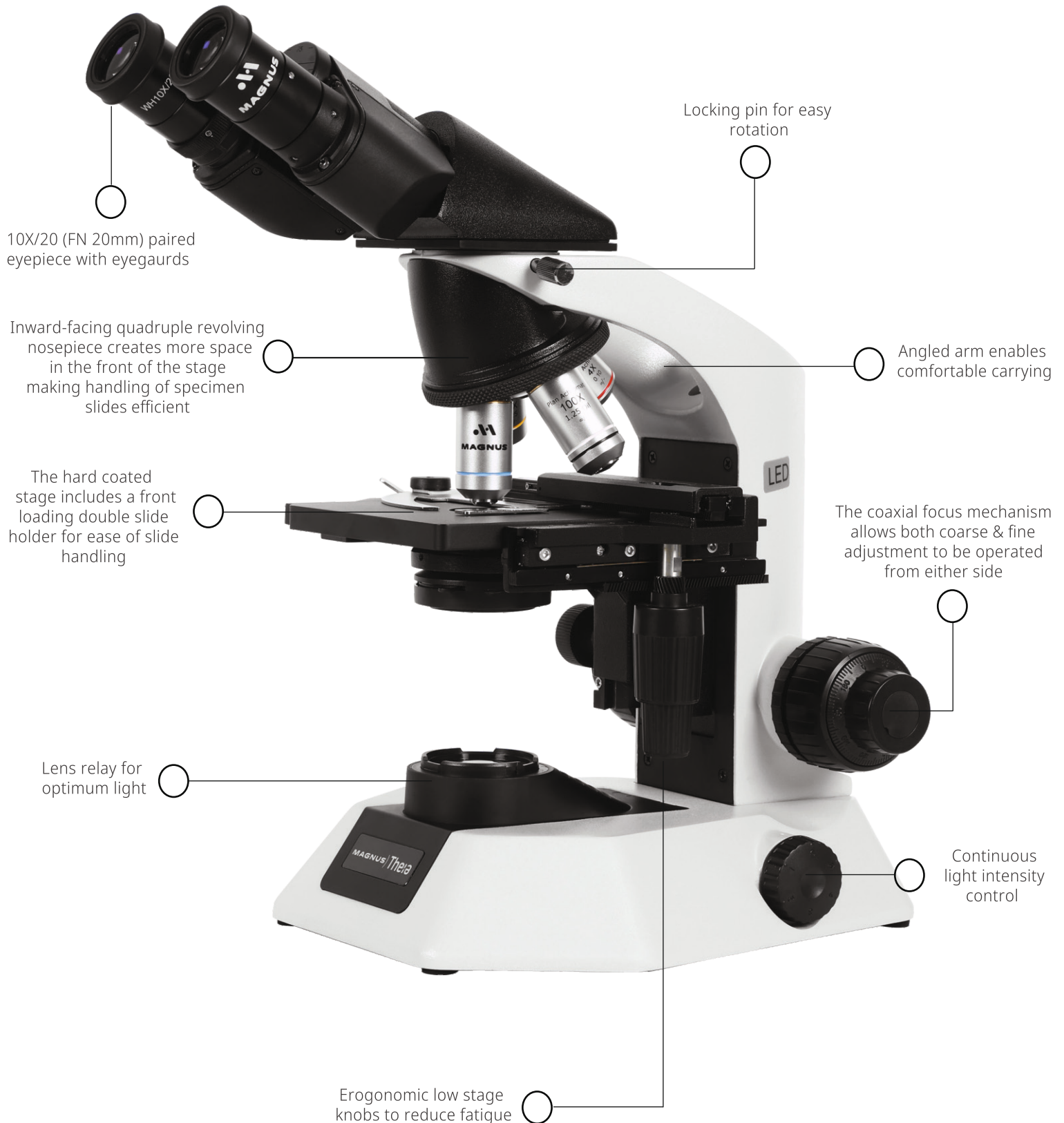
Microscope Masterclass

Where Precision and Sharpness Converge: The Ideal Choice for Clinical Microscope

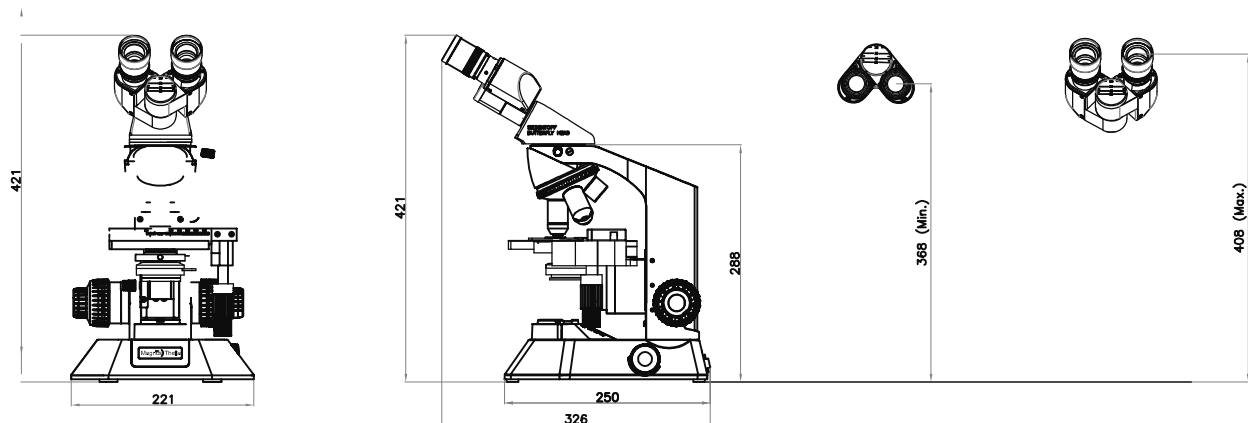
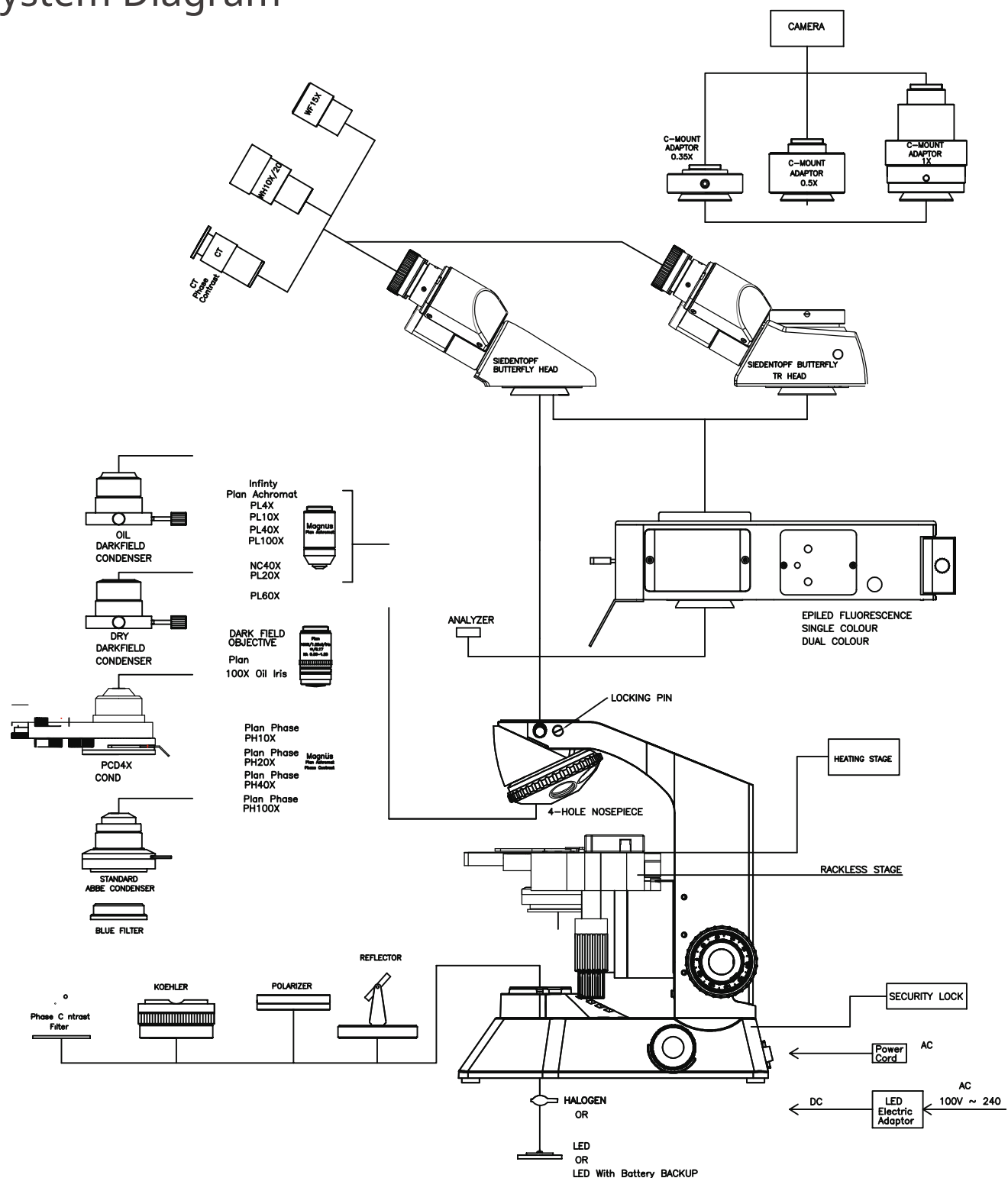


Key Features

- Plan Infinity Optics with Field of view 20mm
- Optics with multi-layer coating & anti-fungus treated
- Siedentopf design observation tube adjustable upwards or downwards
- Hard coated stage
- Inward tilt quadruple revolving nosepiece with click stop



System Diagram



ALL DIMENSIONS ARE IN MM

Specifications

	Specifications	MLXi Plus Binocular Version	MLXi Plus Trinocular Version
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), Doubleslide with traverse area of 50mm x 76mm (+/-5mm)		
Focusing System	Co-axial coarse & fine controls with a focus adjustment knobs. Coarse Focus range 20mm. Fine focus 0.2mm rotation		
Condenser Holder	Rack & pinion mounted condenser holder		
Condenser	Pre-centered abbe condenser with aperture iris diaphragm (N.A. 1.25) focusable with rack & pinion and a continuously variable iris diaphragm		
Power Supply	(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	MLXi Plus	MLXi Plus- Tr
	(b) 3W LED light source high brightness, longlife (30,000hrs)	MLXi Plus- LED	MLXi Plus-Tr-LED
	(c) 1W LED light source (with battery back-up) high brightness, longlife (30,000hrs). Battery back-up in-built NiMH rechargeable batteries provides 6 to 8 hrs back-up on full charge	MLXi-Plus Freedom	MLXi-Plus-Tr Freedom
Nosepiece	Quadruple revolving inward nosepiece based on precision ball-bearing mechanism with positive click stop		
Objectives	Plan Achromat Objectives 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 Infinity corrected plan optics Uniformly centered, Interchangeable & Parfocal Anti fungus treated Tropicalized anti fungus treatment ensure image excellence for long periods in conditions favoring to fungus growth		
Inclined Observation Head	Siedentopf Binocular observation tube inclined at 30 degree, 360 degree rotatable. Interpupillary distance 48-75mm adjustment. Facility of locking mechanism to prevent observation tube from falling off		
	Siedentopf Trinocular observation tube inclined at 30 degree, 360 degree rotatable. Interpupillary distance 48-75mm adjustment. Facility of locking mechanism to prevent observation tube from falling off		
Eyepiece (wide field) for Observation	10x (FN 20mm) paired eyepiece with eyeguards. One eyepiece with diopter adjustment & one fixed type. The unique optical design provides relief from eye fatigue & renders wide-field images of utmost clarity. Compatible with optionally available eyepiece micrometer		

Specifications and appearances are subject to change without any notice or obligation on the part of the Manufacturer