



Key Features



Compact design, easy to store and carry



Easy Access for Halogen Lamp Replacement

Optional Accessories

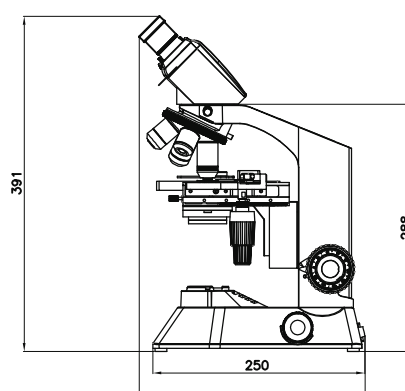
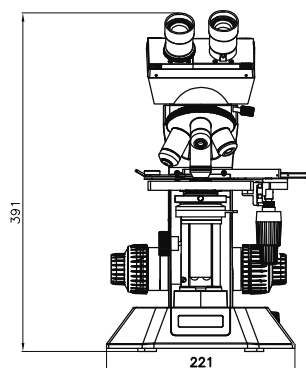
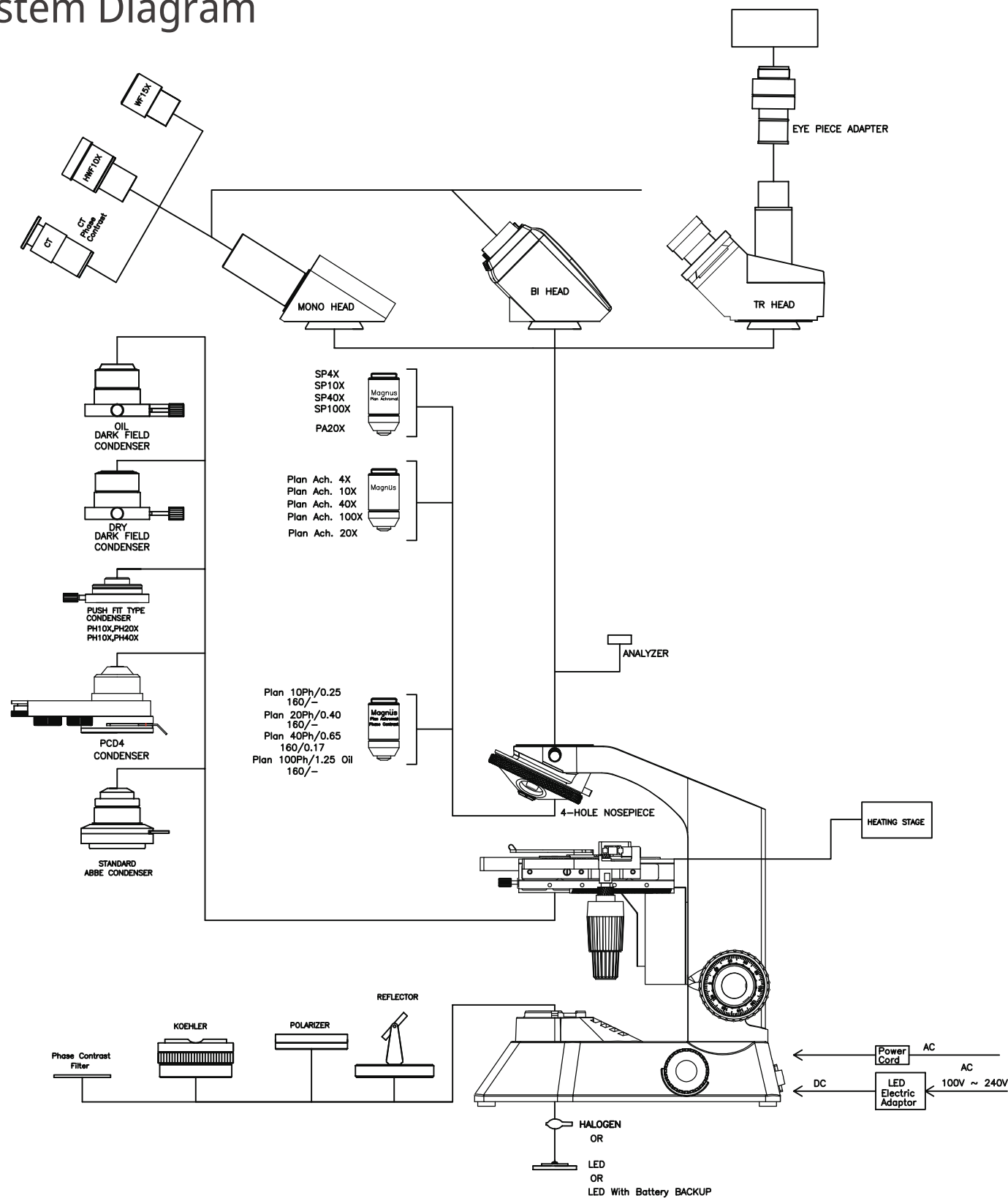


Phase Contrast Attachment



Trinocular version can be upgraded with Digital Camera

System Diagram



Magnus Biological Educational Microscope Model MLX Plus

Item	Specifications	MLX Plus Binocular (SP)	MLX Plus Trinocular (SP)
Optical System	Finite optical system	✓	✓
Body	Alluminium Die-cast body based on bearing and wire guides thereby ensuring smooth and precise manipulation	✓	✓
Inclined Observation Head	Binocular 45 degree inclined, 360 degrees rotatable	✓	
	Trinocular 45 degree inclined, 360 degrees rotatable		✓
Eyepiece (widefield) For Observation	HWF 10x (FN 18mm) paired eyepiece. The unique design of the eyepiece provides relief from eye fatigue and renders color-compensated wide-field images of utmost clarity	✓	✓
Nosepiece	Quadruple revolving nosepiece based on precision ball-bearing mechanism with positive click stop	✓	✓
Objectives	Semi-Plan Achromat Objectives N.A		
	4x 0.10 10x 0.25 40x (spring loaded) 0.65 100x (oil, spring loaded) 1.25 Uniformly centered, interchangeable & parfocal Anti-fungus treated Tropacalized anti fungus treatment ensures image excellence for long periods in condition favouring to fungus growth	✓	✓
Mechanical Stage	Co-axial low drive mechanical stage (125mm x 145mm) (+5mm) with trasverse area of 30mm x 76mm (+5mm) with single slide holder	✓	✓
Condenser	Pre-centered abbe condenser with aperture iris diaphragm (N.A. 125) focusable with rack & pinion through 10mm & a continuously variable iris diaphragm with a removable blue filter for daylight observation	✓	✓
Condenser Holder	Rack and pinion mounted condenser holder	✓	✓
Focusing System	Co-axial coarse and fine controls with a focus adjustment and fine adjustment knobs. Coarse focus range 20mm. Fine focus rotation 0.2mm	✓	✓
Illumination base With Option	(a) Built in illumination base with pre-centered 6V 20W halogen halogen light coupled with an efficient collector lens system. Power supply 230V AC 50Hz	✓	✓
	(b) 3W LED light source high brightness, longlife (30,000 hrs)	MLX Plus LED (SP)	MLX Plus TR LED (SP)
	(c) LED light source High brightness, longlife (30,000 hrs). Battery back-up in built NiMH Rechargeable batteries	MLX Plus Freedom (SP)	MLX Plus Freedom (SP)

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