

PA120MET SPECIFICATIONS

	Brightfield		Brightfield / Darkfield	
Model	PA120MET	PA120MET-T	PA120MET-BD	PA120MET-BD-T
Optical System	Colour Corrected Infinity Optical System (CCIS®)			
Illumination	Reflected	Reflected / Transmitted	Reflected	Reflected / Transmitted
Observation Tube				
Trinocular	Erect type (F.N 25), 20° inclined, Trino Light path selection: 2-step (100:0 / 0:100)			
Binocular (Optional)	Erect type (F.N 25), 20° inclined			
Eyepieces	10X (F.N 25), Diopter adjustable, Reticle optional			
Revolving Nosepiece				
Brightfield	5-position Nosepiece for Brightfield objective lens with DIC slot		/	
Brightfield/ Darkfield	/		5-position Nosepiece for Brightfield, Darkfield objective lens with DIC slot	
Plan S-APO	Plan S-APO 5X/0.15 Plan S-APO 10X/0.3 Plan S-APO 20X/0.45 Plan S-APO 50X/0.8 Plan S-APO 100X/0.9 (Optional)		Plan S-APO BD 5X/0.15 Plan S-APO BD 10X/0.3 Plan S-APO BD 20X/0.45 Plan S-APO BD 50X/0.8 Plan S-APO BD 100X/0.9 (Optional)	
LPlan S-APO	LPlan S-APO 20X/0.4 LPlan S-APO 50X/0.55 LPlan S-APO 100X/0.8		LPlan S-APO BD 20X/0.4 LPlan S-APO BD 50X/0.55 LPlan S-APO BD 100X/0.8	
Base unit - Focus	Stroke range: 29.5 mm / Coarse and Fine focusing knob. Coarse: 17.7 mm/revolution / Fine: 0.1 mm/revolution (1 µm scale) Upper limit stopper, Torque adjustment ring			
Base unit - Electronics	Integrated power supply for light adjustment / LED voltage indicator / IL switch and ECO switch			
3D Profile Module	No	No	No	No
Reflected Illumination	Kohler illumination system / Brightfield, Reflected DIC, simple Polarization		Kohler illumination system / Brightfield, Darkfield, Reflected DIC, simple Polarization	
Light source	12V/100W halogen			
Transmitted Illumination	/	Yes	/	Yes
Light source	/	10W LED	/	10W LED
Condenser	/	LWCD, N.A 0.55	/	LWCD, N.A 0.55
Stage	Dimensions : 520mm X 400mm Moving stroke: 300mm X 300mm Optional: wafer stage			