HST PL7 Reflective polarizing microscope Product Details Manual

HST PL7 polarizing microscope host can be equipped with high-definition camera, image measurement software, and professional lithology polarizing software to achieve functions such as photography, measurement, and material analysis. Widely used in research and testing in fields such as geology, chemical engineering, medicine, and pharmaceuticals, it can also observe the crystal phase of liquid polymer materials, biopolymers, and liquid crystal materials. It is an ideal instrument for research institutions and higher education institutions to conduct research and teaching.

HST PL7 Polarized Microscope Technical Parameters Table:

parts	Specifications			
optical system	Infinite chromatic aberration correction optical system			
Observation tube	Three eye observation tube, adjustable single view, tube tilted at 30 °, capable of 100% transparent photography, and can be connected to a camera device.			
eyepiece	Big View WF10X/22mm			
objective lense	PL L5X/0.12 WD26.1 mm	PL L10X/0.25 WD20.2 mm	PL L40X/0.60（弹簧） WD3.98 mm	PL L60X/0.75（弹簧） WD2.03 mm
converter	Four holes (adjustable converter center)			
Intermediate connecting tube	Push in Burgundy mirror			
Polarizing mirror group	Can rotate 360 °, with scale and micro cursor.			
Polarizing mirror group	360 ° polarization direction rotation, with four gears: 0, 90, 180, 270, placed below the aperture stop.			
Compensator	λ，λ/4 and quartz wedge compensator			
Coarse and micro focusing mechanism	Coarse micro coaxial focusing with locking and limiting devices, micro grid value: 2 μm			
Carrier platform	Rotating stage, 360 ° equally divided scale, with a grid value of 6 ', adjustable center, equipped with a locking device, and a vertical effective stroke of up to 30mm for the worktable.			
Upper lighting system	6V30W halogen lamp, adjustable brightness, polarizer can rotate 360 °, analyzer can rotate 360 °, with scale and micro cursor, built-in field of view and aperture stop.			
Lower lighting system	6V30W halogen lamp with adjustable brightness.			
Software package (optional)	FPG2024 Professional lithofacies polarization software, 12 million Sony chip camera device, 0.5X adaptive lens interface.			