

KASON 601MW

Computerized Research Grade Metallographic Microscope



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Microscope

• WIDE FIELD OF VIEW HINGED TRINOCULAR OBSERVATION TUBE

With the positive hinge trinocular observation tube, the imaged orientation is the same as the actual direction of the object, and the moving direction of the object is the same as the moving direction of the image plane, making it easy to observe and operate.



• HIGH-PRECISION NOSEPIECE

The converter adopts precision bearing design, which makes the rotation feel light and comfortable, and has high repeatability positioning accuracy. The concentricity of the objective lens after conversion is also well controlled.



• MAIN SPECIFICATIONS

Component	Specification	601MW
Optical system	Infinity chromatic aberration correction optical system	Included
observation tube	30° tilt, inverted image, infinity hinged three-way observation tube, interpupillary distance adjustment: 50-76mm, three-speed split ratio 0:100; 20:80; 100:0	Included
Eyepiece	High eye point and large field of view plan eyepiece PL10X/22mm	Included
Objective lens	Infinity long distance bright and dark field objective lens: LMPL5X/0.15BD DIC WD9.0	Included
	Infinity long distance bright and dark field objective lens: LMPL10X/0.30BD DIC WD9.0	Included
	Infinity long distance bright and dark field objective lens: LMPL20X/0.45BD DIC WD3.4	Included
	Infinity long distance light and dark semi-apochromatic objective lens: LMPLFL50X/0.55 BD WD7.5	Included
Converter	Internally positioned five-hole brightfield converter with DIC slot	Included
Focusing rack	Transparent and reflective frame, front low hand position coarse and micro coaxial focusing mechanism. The coarse adjustment stroke is 33mm, and the fine adjustment accuracy is 0.001mm. It has an adjustable elastic device to prevent sliding and a random upper limit device. It has a built-in 100-240V wide voltage system, 12V100W halogen lamp, transmitted light lighting system, and the upper and lower lights are independently controllable.	Included
Stage	4" double-layer mechanical mobile platform, platform area 230X215mm, stroke 105x 105mm, with glass platform, right-hand X and Y moving handwheel, equipped with platform interface	Included
Lighting system	Bright and dark field reflection illuminator, with variable aperture diaphragm, field diaphragm, center adjustable; with bright and dark field lighting switching device; with color filter slot and polarizing device slot	Included
Polarizing accessories	Polarizer insert plate, fixed analyzer insert plate, 360° rotating analyzer insert plate.	Included
Metallographic analysis software	Metallographic analysis system, 12-megapixel Sony chip camera device USB3.0, 0.5X adapter mirror interface, high-precision micrometer.	Included
Optional Configuration		
Observation tube	30° tilt, erect image, infinity hinged three-way observation tube, interpupillary distance adjustment: 50-76mm, split ratio 100:0 or 0:100 5-35° tilt angle adjustable, erect image, infinity hinged three-way observation tube, interpupillary distance adjustment: 50-76mm, unilateral diopter adjustment: ±5 diopters, two-speed split ratio 100:0 or 0:100 (supported 22/23/16mm field of view)	
Eyepiece	High eye point, wide field plan eyepiece PL10X/23mm, adjustable diopter High eye point, wide field plan eyepiece PL15X/16mm, adjustable diopter	
Objective lens	Infinity long distance light and dark semi-apochromatic objective lens: LMPLFL100X/0.80 BD WD2.1	
Differential interference	DIC Differential Interference Component	
Camera device	20-megapixel Sony chip camera device USB3.0, 1X adapter interface	
Computer	HP Business Jet	