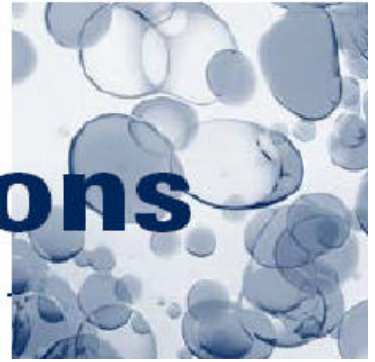


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Test Solutions



TRINOCULAR UPRIGHT METALLURGICAL MICROSCOPE is suitable to observe the microscopical surfaces of non-transparent object. It is equipped with vertical illuminator, planachromatic objectives and wide-field eyepieces. It provides clear and high-contrast image. It is the ideal instrument in research work in metallography, ferrography, mineralogy, precision engineering, electronics etc. It's suitable for scientific research, teaching demonstration in the colleges and factory.

Metallurgical Microscope AS-K3-402



SPECIFICATIONS:

Eyepieces	Type	Magnification	Focus (mm)	Field (mm)	Remark	
	Plan Eyepiece		10X	25	Ø 18	Optional
		20X	15.6	Ø 11		
Objectives	Type	Magnification	N.A.		W.D. (mm)	
	Plan achromatic (No cover glass)	5X	0.12	18.03		
		10X	0.25	8.9		
		40X	0.60	0.69		
60X		0.85	0.26			
Magnification	Objective Magnification	5X	10X	40X	60X	100X
	Eyepieces					
	10X	50X	100X	400X	600X	1000X
	20X	100X	200X	800X	1200X	2000X
Stage	Square movable mechanical stage Size : 50mm X 75mm Movable range: longitudinal 35mm traverse 75mm					
Coaxial coarse/fine focusing adjustment system with limit knob and tensional adjustment ring: minimum division of fine focusing : 0.002 mm.						
Interpupillary distance : from 53mm to 75 mm						
Illumination system : With light source of 6V/20W halogen lamp and the brightness can be adjusted. Power supply : can be operated on AC 220V 50HZ or AC 110V 60HZ. The filter of reflected system are included red, blue, green and burnish glass. The filters of transmitted system are included blue, green, and burnish glass.						
Power supply : 220V(50HZ) or 110V(60HZ).						
Capturing the images through digital camera and saving the images . The camera with 5mp resolution can be connected to the PC that comes with preloaded software. CD is also supplied with the package. The images can either be viewed through the eyepiece or on the PC monitor with the help of observe photo control lever. The same can be saved in the PC files for preparation of the WPA reports.						

Key Features :

- Reflected and transmitted light
- Red, green, blue and ground Filters.
- Polarisers
- Magnification upto 600x / 1000x
- Graticuled eyepiece
- Digital Camera 5.0 MP
- Wear Particle ATLAS CD with PC Optional



Standard Product Data Sheet CK50064 issue 15



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