

XJL-20/XJL-20BD

倒置金相显微镜
INVERTED METALLURGICAL MICROSCOPE



XJL-20/XJL-20BD倒置金相显微镜采用优良的无限远光学系统与模块化的功能设计理念，可以方便升级系统，实现偏光观察、暗场观察等功能。紧凑稳定的高刚性主体，充分体现了显微镜操作的防震要求。符合人机工程学要求的理想设计，使操作更方便舒适，空间更广阔。适用于金相组织及表面形态的显微观察，是金属学、矿物学、精密工程学研究理想仪器。

XJL-20/XJL-20BD Inverted metallurgical microscope is equipped excellent UIS optical system and modularization function design so that update system expediently and achieved polarization, dark field observation. Compact and steady main frame body is embodiment for the shock resistance. The ideal ergonomic design is adopted in this unit and has easier operation and wider space. This is ideal optical instrument for micro observation in metallographic structure and surface morphology. It is suitable for research in metallography, mineralogy, precision engineering, etc.

技术规格 Specification

目镜 Eyepiece	大视野 WF10X (视场数 Φ 22mm) Wide field WF10X (field number Φ 22mm)		
无限远平场消色差物镜 Infinity plan achromatic objective	XJL-20 (配明场物镜) (Equipped with bright field objectives)	PL L10X/0.25	
		PL L20X/0.40	
		PL L50X/0.70 (弹簧spring)	
		PL L100X/0.85 (干式Dry) (弹簧spring)	
	XJL-20BD (配明/暗场物镜) (Equipped with bright & dark field objectives)	PL L5X/0.12 BD	
		PL L10X/0.25 BD	
		PL L20X/0.40 BD	
		PL L50X/0.70 BD	
目镜筒 Eyepiece tube	45°倾斜, 瞳距调节范围53~75mm. Inclination 45° and interpupillary distance: 53~75mm.		
调焦机构 Focus system	粗微动同轴调焦, 带锁紧和限位装置, 微动格值: 2 μ m. Coaxial coarse/fine focus with tension adjustable and up stop, minimum division of fine focusing: 2 μ m.		
转换器 Nosepiece	五孔 (内式滚珠内定位) Quintuple (Backward ball bearing inner locating)		
载物台 Stage	机械移动载物台, 外形尺寸: 242mmX200mm, 移动范围: 30mmX30mm. Mechanical stage, size: 242mmX200mm and moving range : 30mmX30mm.		
	圆形可旋转载物台板尺寸: 最大外径 Φ 130mm, 最小通光口径小于 Φ 20mm. Rotundity and rotatable stage size: maximal measurement: Φ 130mm and minimal clear aperture is less then Φ 20mm.		
照明系统 Illumination system	XJL-20	6V30W卤素灯, 亮度可调 6V30W halogen lamp, brightness adjustable.	
	XJL-20BD	12V50W卤素灯, 亮度可调 12V50W halogen lamp, brightness adjustable	
	内置视场光阑、孔径光阑与拉板式起偏器 Integrated field diaphragm, aperture diaphragm and system polarizer.		
	配磨砂玻璃, 黄、绿、蓝滤色片 Equipped with frosted glass and yellow, green and blue filters		
选配件 Optional Accessory	目镜 Eyepiece	分划目镜10X (视场数 Φ 22mm) Dividing eyepiece(field number Φ 22mm)	
	物镜 Objective	XJL-20	5X、40X、60X、80X、100X(油Oil) 明场物镜 Bright field objective
		XJL-20BD	40X、60X、80X、100X 明/暗场物镜 Bright & dark field objective
	CCD接头 CCD adapter	0.5X、1X、0.5X带分划尺 with dividing	
	摄像仪 Camera	USB输出: 130/300/500/900万像素 VIDEO输出: 380/520 电视线	USB output: 1.3M/3.0M/5.0M/9.0Mpixel VIDEO output: 380/520 TV Line
数码相机接头 Digital camera adapter	CANON (EF) NIKON (F)		