

XDS-3

倒置生物显微镜
 INVERTED BIOLOGICAL MICROSCOPE



XDS-3倒置生物显微镜采用优良的无限远光学系统，配置长工作距离平场物镜与大视野目镜，紧凑稳定的高刚性主体，充分体现了显微操作的防震要求。旋转摆入摆出式聚光系统，可对高培养皿或圆筒状烧瓶进行无污染培养细胞观察。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。产品适合于对细胞组织，透明液态组织的显微观察，也可对培养皿中的培养组织进行动态显微观察。可应用于科研院所、高等院校、医疗卫生、检验检疫、农牧乳业等部门。

XDS-3 Inverted biological microscope is equipped excellent UIS optical system including long working distance plan achromatic objectives and wide field plan eyepieces. Compact and steady main frame body is embodiment for the shock resistance. The enable turning out or into condenser system is suited for observation in a high culture dish. The ideal ergonomic design is adopted in this unit and have easier operation and wider space. This is ideal optical instrument for micro observation in cell tissue and transmitted liquid tissue, even in dynamic observation in the culture dish tissue. It can be used in scientific research, universities, medical treatment, epidemic prevention, agriculture and etc.

技术规格 Specification

目镜 Eyepiece	大视野 WF10X (视场数Φ22mm) Wide field WF10X (field number: Φ22mm)	
	对中望远镜 Centering telescope	
无限远长工作距离平场消色差物镜 Infinity and long working distance plan achromatic objective	物镜 Objective	PLL 10X0.25 盖玻片厚度 Cover glass thickness: 1.2mm.
		PLL 20X0.40 盖玻片厚度 Cover glass thickness: 1.2mm.
	相衬物镜 Phase Contrast Objective	PLL 40X0.60 盖玻片厚度 Cover glass thickness: 1.2mm.
目镜筒 Eyepiece tube	倾斜45° 瞳距调节范围53~75mm. Inclination 45° and interpupillary distance is 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 μm. Coaxial coarse/fine focus with tension adjustable and up stop, minimum division of fine focusing is 2 μm.	
转换器 Nosepiece	五孔转换器 Quintuple nosepiece	
载物台 Stage	固定载物台尺寸: 227mmX208mm. Fixed stage overall size: 227mmX208mm	
	玻璃圆载物台板尺寸: Φ118mm. Glass rotundity stage overall size: Φ118mm	
	机械式移动尺寸, 移动范围: 横向 (X)114mm, 纵向 (Y)77mm Mechanical moving device, moving range: 77mm (longitudinal)X114mm (transverse)	
	培养皿托板一 Culture dish holder 1	内槽尺寸: 86mm (宽)X129.5mm (长), 可适配圆形培养皿Φ87.5mm Inside locating slot size: 86mm (W)X129.5mm (L), optional with a circular culture dish Φ87.5mm
培养皿托板二 Culture dish holder 2	内槽尺寸: 34mm (宽)X77.5mm (长), 可适配圆形培养皿Φ68.5mm Inside locating slot size: 34mm (W)X77.5mm (L), optional with a circular culture dish Φ68.5mm	
培养皿托板三 Culture dish holder 3	内槽尺寸Inside locating slot size: 57mm(宽)X82mm(长)57mm (W)X82mm (L)	
聚光系统 Condenser system	长工作距离聚光镜, 工作距离55mm, 带转盘式相衬装置 Long working distance condenser, working distance: 55mm, and with turnplate phase contrast unit	
照明系统 Illumination system	6V30W卤素灯, 亮度可调 6V30W halogen lamp, brightness adjustable.	
滤色片 Filter	磨砂玻璃, 蓝、绿滤色片 Frosted glass and blue, green filter	
选配件 Optional Accessory	目镜 Eyepiece	分划目镜10X (Φ22mm) Dividing eyepiece (field number Φ22mm)
	相衬物镜 Phase Contrast Plan Objective	20X、40X
	转换器 Nosepiece	六孔转换器 Hexad nosepiece
	CCD接头 CCD adapter	0.5X、1X、0.5X带分划尺 with dividing
	聚光镜 Condenser	特长工作距离聚光镜,工作距离: 70mm (不适用于相衬)Ultra-long working distance condenser, working distance is 70mm (no used for phase contrast)
	摄像仪 Camera	USB输出: 130/300/500/900万像素 USB output: 1.3M/3.0M/5.0M/9.0Mpixel VIDEO 输出: 380/520电视线 VIDEO output: 380/520 TV Line
数码相机接头 Digital camera adapter	CANON (EF) NIKON (F)	