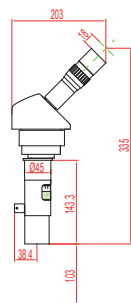




MZDA1490BC+SD11J-D



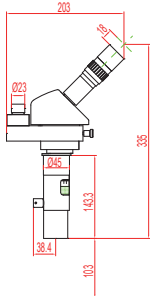
MZDA1490BC



MZDA1490BTC+SD11J-D+1X CCD Adapter



MZDA1490BTC



- 包括MZDA1490BC (双目)、MZDA1490BTC (三目)
- 独创的成像和照明光学系统设计, 使它有更好的对比度和景深
- 同时进行视频显示和双目目视观察, 目视观察成正像
- 适用于各种物体的观察和检测, 特别适合LCD、平面印刷品和其它高、低反射率同时存在的物品的检测

- ◆ MZDA1490BC (binocular) and MZDA1490BTC (trinocular).
- ◆ Original imaging and illumination optical system design, for higher contrast and larger depth of field.
- ◆ Video display and visual observation simultaneously, the visual image is erecting by eyepieces observation
- ◆ Applied for observation & inspection on a variety of objects. Specially suitable to inspect LCD, planar printed and other plane objects with high reflectivity & low reflectivity simultaneously.

※ 主要优点: 高对比度, 高清晰度, 能看清包括LCD、芯片、晶圆等几乎一切物体, 特别适合于高端研究用。
Main advantages: High contrast and high definition, It can observe almost objects, such as LCD, chips, wafer and etc.. Especially fit for the high level research.

技术规格 Technology Specifications

目视放大倍率 Eyepieces observing Magnification	标准目视总放大倍率14X~90X, 配2X附加物镜和30X目镜, 最大倍率540X Standard eyepieces total magnification: 14X~90X. with 2X auxiliary objectives and 30X eyepieces, the maximal magnification is 540X.
连续变倍范围 / Zoom range	1.4X~9X
工作距离 / WD	73mm
镜筒 / Eyetubes	双目目镜筒倾斜45° / Binocular eyetubes inclined 45°
光源 / Illuminators	长寿命, 多种颜色超强LED同轴照明 / Long life, various color, high brightness LED coaxial illumination
瞳距调节范围 Interpupillary distance adjustment range	52mm~76mm
视度调节范围 / Diopter adjustment range	±6°
调焦范围 / Focus range	手轮调焦50mm, 圆立柱高242mm / Hand wheel: 50mm, height of round pole is 242mm.
支架与主机配合尺寸 Holder and main body matching dimension	Φ45mm

可选附件 Optional Accessories

	底座组 Stands	SD1-D ~ SD17-D		CCD接头 CCD adapters	C0.5、C1.0
	目镜 Eyepieces	10X, 15X, 20X, 30X		数码相机接头 Digital camera adapter	DT01
	分划目镜 Divisional eyepieces	10X, 15X, 20X		显微摄影装置 Digital camera adapter	PT02
	测微尺 Stage micrometers	CM0.1X, CM0.1XY, CMS0.2		1X带测微尺 CCD接头 1X CCD adapter with micrometer	CDM1.0
	附加物镜 Auxiliary objectives	DA-W 0.7, DA-W 2.0		机械载物台 Mechanical stage	S7650, S10086

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This series have obtained national patents, and protected by related national laws and regulations. Patent number: 2011 2 0377595.4



光学参数 Optical specifications

● 双目目视观察 / Binocular eyepieces observation

目镜 Eyepieces	光学项目 Items	主机 Main body	加0.7X附加物镜 0.7X auxiliary objective	加2X附加物镜 2X auxiliary objective
10X/Φ22	总放大倍率 Total Mag.	14X~90X	9.8X~63X	28X~180X
	视场范围 FOV(mm)	Φ15.7~Φ2.44	Φ22.4~Φ3.5	Φ7.86~Φ1.22
15X/Φ17	总放大倍率 Total Mag.	21X~135X	14.7X~94.5X	42X~270X
	视场范围 FOV(mm)	Φ12.14~Φ1.89	Φ17.35~Φ2.7	Φ6.07~Φ0.94
20X/Φ14	总放大倍率 Total Mag.	28X~180X	19.6X~126X	56X~360X
	视场范围 FOV(mm)	Φ10~Φ1.56	Φ14.29~Φ2.22	Φ5~Φ0.78
30X/Φ9	总放大倍率 Total Mag.	42X~270X	29.4X~189X	84X~540X
	视场范围 FOV(mm)	Φ6.43~Φ1	Φ9.18~Φ1.43	Φ3.21~Φ0.5
工作距离 WD (mm)		103	145	35
变倍主体连续变倍范围 Zoom body Magnification range :1.4X~9X				

● 视频显示 / Video Display

附加物镜 / Auxiliary Objective	光学项目 / Items	CCD接头 / CCD adapter	
		0.5X	1X
—	总光学放大倍率 / Total Mag.	0.7X~4.5X	1.4X~9X
	视场范围 / FOV(mm)	5.14X6.86~0.8X1.07	2.57X3.43~0.4X0.53
	工作距离 / WD(mm)	103	
0.7X	总光学放大倍率 / Total Mag.	0.49X~3.15X	0.98X~6.3X
	视场范围 / FOV(mm)	7.35X9.8~1.14X1.52	3.67X4.9~0.57X0.76
	工作距离 / WD(mm)	145	
2X	总光学放大倍率 / Total Mag.	1.4X~9X	2.8X~18X
	视场范围 / FOV(mm)	2.57X3.43~0.4X0.53	1.29X1.71~0.2X0.27
	工作距离 / WD(mm)	35	
变倍主体连续变倍范围 / Zoom body magnification range 1.4X~9X			

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