

Digital Video Microscope

(BVM-3010103U)

Total Magnification: 10X-200X





Product Description:




1. Image keeps clear in the whole zoom course, no flicker
2. 0.7X~4.5X micro zoom body
3. Zoom body size: $\phi 50\text{mm}$
4. 0.5X CCD coupler
5. 1X objective lens
6. Base size: 260*380 mm

Technical Parameter:

Objective	Items	CCD Coupler					
		0.35X	0.5X	0.75X	1X	1.5X	2X
0.5X	Magnification	0.1225~0.7875	0.175~1.125	0.2625~1.688	0.35~2.25	0.525~3.375	0.5~4.5
	FOV(mm)	46~7	35~5	23.5~4	17.6~3	11.8~2	8.8~1~3
	WD(mm)	198					
0.75X	Magnification	0.18375~1.18125	0.2625~1.6875	0.39375~2.53125	0.525~3.375	0.7875~5.0625	1.05~6.75

	FOV(mm)	31-4.7	23.5-3.6	15.7-2.4	12-1.8	7.8-1.2	6-0.9
	WD(mm)	131					
1X	Magnification	0.245~1.575	0.35~2.25	0.525~3.375	0.7~4.5	1.05~6.75	1.4~9
	FOV(mm)	23-3	17.6-2.7	12-1.8	9-16	6-0.98	4-0.7
	WD(mm)	96					
1.5X	Magnification	0.3675~2.3625	0.525~3.375	0.7875~5.0625	1.05~6.75	1.575~10.125	2.1~13.5
	FOV(mm)	15-2.3	11.8-1.8	7.8-1.2	6-0.99	4-0.61	3-0.4
	WD(mm)	63					
2X	Magnification	0.49-3.15	0.7~4.5	1.05~6.75	1.4~9	2.1~13.5	2.8~18
	FOV(mm)	11.6-1.7	8.8-1.3	6-0.9	4-0.71	3-0.41	2-0.3
	WD(mm)	46					

Accessories:

Picture	P/N	Name	Description
	BMZ-30111	0.7-4.5X Micro Zoom Body	Micro Zoom Body with 0.7-4.5X zoom range
	BMZ-30211	0.35X Coupler	Standard C-mount design, applicable to 1/3" CCD camera, focus distance 67mm, optical length approx. 76mm, for MZ Series Micro Zoom Lens
	BMZ-30212	0.5X Coupler	Standard C-mount design, applicable to 1/3" CCD camera, focus distance 90mm, optical length approx. 97mm, for MZ Series Micro Zoom Lens
	BMZ-30214	1X Coupler	Standard C-mount design, applicable to 1/3" CCD camera, focus distance 180mm, optical length approx. 130mm, for MZ Series Micro Zoom Lens
	BMZ-30216	2X Coupler	Standard C-mount design, applicable to 1/3" CCD camera, focus distance 360mm, optical length approx. 252mm, for MZ Series Micro Zoom Lens
	BMZ-30312	0.5X Objective Lens	Semi-plan achromatic design, outside dia. 30mm, working distance 199.1mm, for MZ Series Micro Zoom Lens
	BMZ-30314	1X Objective Lens	Semi-plan achromatic design, outside dia. 30mm, working distance 97.3mm, for MZ Series Micro Zoom Lens
	BMZ-30316	2X Objective Lens	Semi-plan achromatic design, outside dia. 30mm, working distance 46.3mm, for MZ Series Micro Zoom Lens

USB 5Mp Digital Camera with Measuring Software:



USB 2.0, 1/2" CMOS, Max. resolution 2048×1536. High Speed Transmission Rate 11 fps.
Metal housing, with capture and measuring software

XY Manual Stage:



XY Manual Stage, XY Travel distance: 75X56mm, Back Light Window Size: 116×96mm,
95mm adapter is for stand base

LED Ring Light:



AC 90-240V 50/60Hz, 60 LED Bulbs. Max. Opening: 61mm, brightness is adjustable.