

Digital Video Microscope

(CT-103)

Total Magnification: 10X-200X





CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U



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. **1X CCD coupler**
5. **1X objective lens**
6. Base size: 260*380 mm



CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U

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					



CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U

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
	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



CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U

HD 2.0M VGA Digital Camera:



VGA output, 2.0M, 1/3" Color CMOS, Max. Resolution: 1600×1200, Transmission Rate 15fps@1600X1200, 30fps@1024X768, cross line: 1-8 moveable lines, color is changeable

LED Ring Light:



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



CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U

10 inch HD LCD Monitor:





CHIPTRONICS (M) SDN. BHD.

Company No. 195946-U



Please contact Chiptronics at 604-6598888 or email
to sales@chiptronics.com.my for more information.