

Scienscope International Corporation

"Your Visual Inspection Specialists"



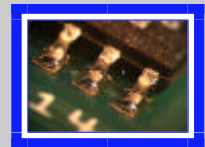
System Includes:

- MZ-98-70 & MZ-CP-03**
Macro Zoom Lens and 0.35x Coupler
- CC-88-BM**
Big Base Boom Stand with 25 mm posts
- SB-AB-MZ**
E-Arm for Micro Zoom Lens
- CC-97-CD**
1/3" Color CCD Camera (480 Lines)
- CC-88-TV**
14" Color Monitor
- IL-88-FOI**
150 Watt Fiber Optic Illuminator
- IL-MZ-AN**
Annular Ring Light Guide for Micro Zoom

CC-97-VS2 ~ Micro Zoom Video Inspection System

Scienscope's Micro Video Inspection System is specifically designed for High Magnification, High Resolution applications. Modular design allows you to interchange couplers and auxiliary lenses to change magnification, field of views and working distance - **see table below**. CC-97-VS2 comes standard with Micro Zoom Lens and 0.35x Coupler; providing you with 13x to 81x magnification on a 14" monitor. 1/3" CCD Color Camera with S-Video Cable (480 TV Lines) and a 14" Color CCTV Monitor provide you with clear and distortion free images. Large Base Boom Stand (15" x 15") is ideal as a work platform or in order to mount the Scienscope XY Gliding Table onto it. E-Arm mounts directly onto the end of the Boom Stand via a 5/8" mounting dowel (industry standard). 150 Watt Fiber Optic illuminator with Annular Ring Light Guide for "Shadow-Free" Illumination.

Sample Image



Micro Zoom Lens Accessories

Couplers

- MZ-CP-03** ~ 0.35x CCD Coupler
- MZ-CP-05** ~ 0.5x CCD Coupler
- MZ-CP-07** ~ 0.75x CCD Coupler
- MZ-CP-10** ~ 1x CCD Coupler
- MZ-CP-15** ~ 1.5x CCD Coupler
- MZ-CP-20** ~ 2x CCD Coupler

Auxiliary Lenses

- MZ-03-70** ~ 0.3x Auxiliary Lens
- MZ-05-70** ~ 0.5x Auxiliary Lens
- MZ-20-70** ~ 2x Auxiliary Lens

*using a 14" monitor

Lens	Coupler												Working Distance mm/in.
	.3x		.5x		.75X		1x		1.5X		2X		
	Mag.	FOV mm	Mag.	FOV mm	Mag.	FOV mm	Mag.	FOV mm	Mag.	FOV mm	Mag.	FOV mm	
0.3x	4x-24x	95-15	6x-40x	57-9	10x - 61x	38 - 5.9	13x-81x	28-4	19x - 122x	19 - 3	25x - 162x	14 - 2.22	314 / 12.3"
0.5x	6x-40x	57-9	11x-68x	34-5	16x - 101x	22.9 - 3.5	21x-135x	17-3	32x - 203x	11.4 - 1.8	42x - 270x	8.6 - 1.33	189 / 7.4"
1x	13x-81x	28-4	21x-135x	17-2.7	32x - 203x	11.4 - 1.8	42x-270x	9-1	63x - 405x	5.7 - .9	84x - 540x	4.3 - .66	108 / 4.25"
2x	26x-162x	14-2	42x-270x	8.6-1.33	63x - 405x	5.7 - .9	84x-540x	4-.66	126x - 810x	2.85 - .44	168x - 1080x	2.15 - .33	32 / 1.25"