

# Scienscope International Corporation

"Your Visual Inspection Specialists"

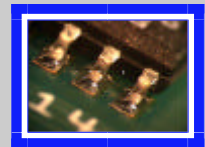


**System Includes:**  
**MZ-98-70 & MZ-CP-03**  
 Macro Zoom Lens and 0.35x Coupler  
**SB-FX-01**  
 Articulating Arm  
**SB-AB-MZ**  
 E-Arm for Micro Zoom Lens  
**CC-97-CD**  
 1/3" Color CCD Camera (480 Lines)  
**CC-88-TV**  
 14" Color Monitor  
**IL-88-TL**  
 Fluorescent Ring Light

## CC-97-VS3 ~ 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-VS3 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. Flexible Articulating Arm is a perfect solution for space saving applications, clamps onto most work benches (up to 2' thick). E-Arm mounts directly onto the end of the Articulating Arm via a 5/8" mounting dowel (industry standard). Fluorescent ring light 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"

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