

SZ Trinocular Microscopes

Professional, low cost, live inspection trinocular systems



- Durable and High-Performance**
Proven body construction results in low failure rate.
- Excellent for documentation**
Third view port allows projection to any monitors; makes training & documenting your work a snap.
- Simultaneously inspect and rework**
Rework through eyepieces for high depth of field, while visually inspect with monitor.

SZ Trinocular Video Specifications

Objective Lens	Video Couplers						Working Distance
	0.35X		0.5X		1X		
	MAG	FOV (mm)	MAG	FOV (mm)	MAG	FOV (mm)	
0.3X	3.6x-24x	100-13	6x-40x	60-8.6	12x-81x	30-4.3	287mm
0.4X	4.8x-32x	75-10	8x-54x	45-6.5	16x-108x	22.5-3.25	217mm
0.5X	6x-40x	60-8	10x-68x	36-5.2	20x-135x	18-2.6	177mm
0.75X	9x-61x	40-5.3	15x-101x	24-3.5	30x-203x	12-1.8	117mm
1X	12x-81x	30-4	20x-135x	18-2.6	40x-270x	9-1.3	100mm
1.5X	18x-122x	20-2.6	30x-203x	12-1.8	60x-405x	6-0.9	47mm
2X	24x-162x	15-2	40x-270x	9-1.3	80x-540x	4.5-0.65	26mm

*Included in all packages below.

A wide-range of applications

Extremely flexible system configurations

SZ-PK7 Systems

XGA camera & LCD monitor packages

Package Contents

- SZ trinocular body
- Dual arm boom stand
- Ring adapter
- XGA Camera
- 17" LCD monitor
- 10x eyepieces
- 0.5x objective lens
- Focus mount
- 0.5x video coupler
- Your choice of lighting

Package	Part Number
w/ fluorescent ring lamp	SZ-PK7-FR
w/ adjustable LED ring lamp	SZ-PK7-LED
w/ fiber optic annular ring	SZ-PK7-AN
w/ fiber optic dual pipe	SZ-PK7-DPL



Capture real-time video direct to any D-SUB (VGA) monitors.

Camera Specifications

Sensor size	1/2"
Sensor type	CMOS
Display resolution	1024 x 768
Frame Rate	60fps
Output	D-sub 15 pin analog signal
Lens mount	C-Mount
Operating voltage	DC 5V
Dimensions	70mm x 52mm x 51mm

SZ-PK9 Systems

1.3 Mega-Pixel USB camera packages

Package Contents

- SZ trinocular body
- Dual arm boom stand
- Ring adapter
- USB2.0 Camera
- Software & Driver
- 10x eyepieces
- 0.5x objective lens
- Focus mount
- 0.5x video coupler
- Your choice of lighting

Package	Part Number
w/ fluorescent ring lamp	SZ-PK9-FR
w/ adjustable LED ring lamp	SZ-PK9-LED
w/ fiber optic annular ring	SZ-PK9-AN
w/ fiber optic dual pipe	SZ-PK9-DPL



Connect directly to Microsoft Windows XP system using USB port. This camera comes with ScienScope image capturing software with basic measurement tools.

Camera Specifications

System Requirement	Microsoft Windows XP
Sensor Size	1/2", 1.3 Mega-Pixel color
Sensor Type	CMOS
Display resolution	1280 X 1024; 640 X 480; 352 X 288
Frame Rate	1280 X 1024 @ 15fps 640 X 480 @ 30fps
SN Ratio (dB)	60db
Exposure	manual/auto
Output	USB2.0
Pixel Size	5.2µm×5.2µm
Sensitivity	1.8V/lux-sec@550nm
Dimensions	52mm X 50mm X 55mm
Lens Mount	C/CS



SCIENCESCOPE
Image Capturing Software

