

NZ Trinocular Microscopes

True trinocular microscope systems



True trinocular body

True simultaneous vision through eyepieces and video display.

Excellent for documentation

Third view port allows projection to any monitors; makes training & documenting your work a snap.

Maintenance-Free Design

Air-tight sealed body design: anti-mold, anti-ESD, adds additional reliability.



NZ Trinocular Video Specifications

Objective Lens	Video Coupler		Working Distance
	Magnifications	Field Of View (mm)	
0.5X	8.64x-54x	49.97-7.99	211mm
1X	17.28x-108x	24.98-3.99	115mm
2X	34.5x-216x	12-2	43.5mm

*Included in all packages below.

Industrially competent
High-precision optics with proven body construction.

NZ-PK7 Systems

XGA camera & LCD monitor packages

Package Contents

- NZ trinocular body
- Dual arm boom stand
- XGA Camera
- 17" LCD monitor
- Your choice of lighting
- 10x eyepieces
- 0.5x objective lens
- Focus mount
- 0.4x video coupler

Package

with fluorescent ring lamp with adjustable LED ring lamp
with fiber optic annular ring with fiber optic dual pipe

Part Number

NZ-PK7-FR
NZ-PK7-LED
NZ-PK7-AN
NZ-PK7-DPL



SCIENSCOPE
XGA Camera

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

NZ-PK9 Systems

1.3 Mega-Pixel USB camera packages

Package Contents

- NZ trinocular body
- Dual arm boom stand
- USB2.0 Camera
- Software & Driver
- Your choice of lighting
- 10x eyepieces
- 0.5x objective lens
- Focus mount
- 0.4x video coupler

Package

with fluorescent ring lamp with adjustable LED ring lamp
with fiber optic annular ring with fiber optic dual pipe

Part Number

NZ-PK9-FR
NZ-PK9-LED
NZ-PK9-AN
NZ-PK9-DPL



SCIENSCOPE
USB 2.0 Camera

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



SCIENSCOPE
Image Capturing Software